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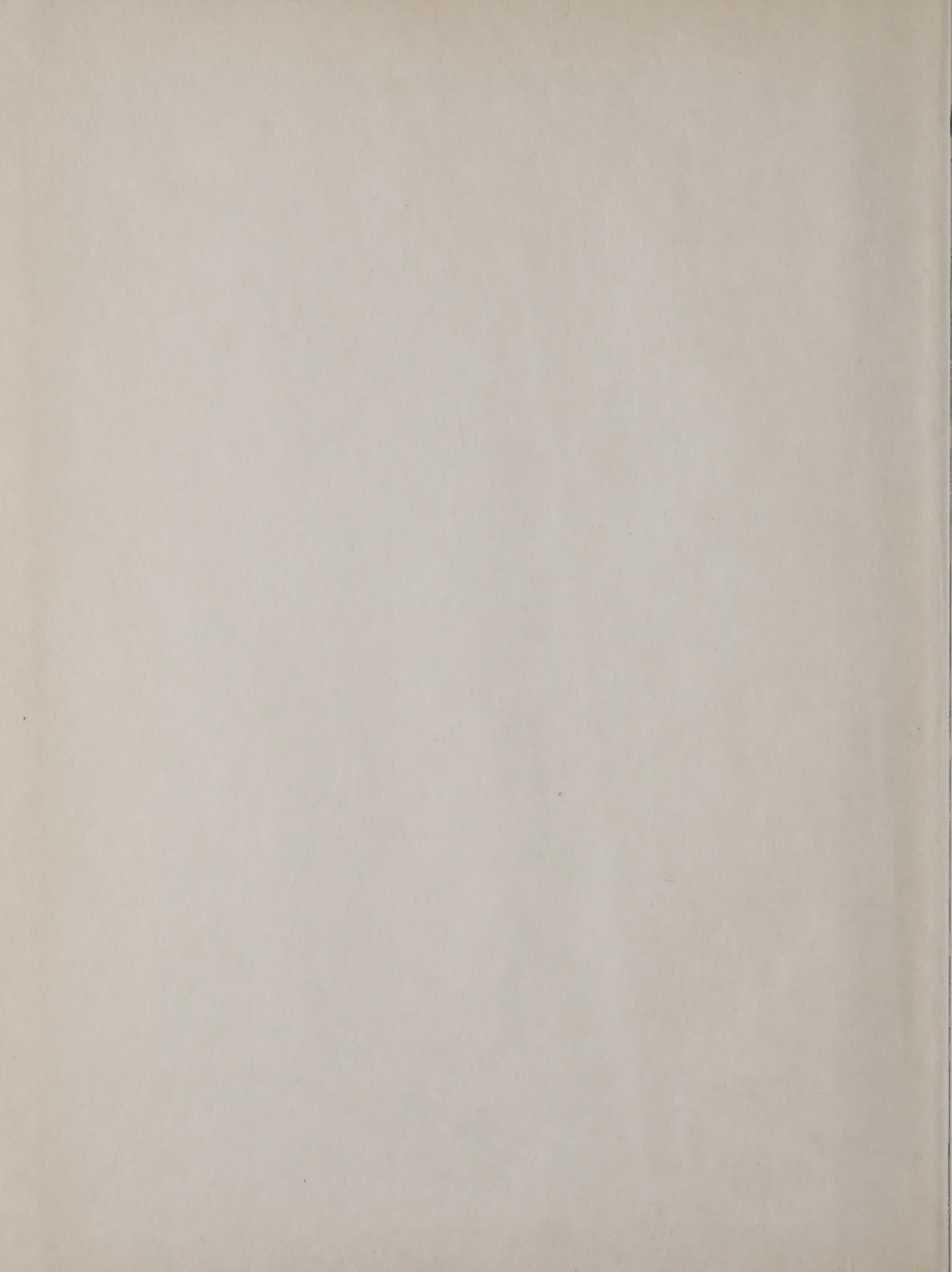
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INDIANA COLLECTION

OHIO IN MAPS AND CHARTS

A HISTORICAL ATLAS

Social, Economic, Political

Planned to Meet Requirements for Teaching Ohio History and Government

BY O. D. MORRISON

Author of

An Interpretation of American History
Ohio "Gateway State"
Atlas of Canadian History for Americans
Maps of American History
Etc.

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ATHENS, OHIO
1956

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OHIO IN MAPS AND CHARTS
A HISTORICAL ATLAS
Social, Economic, Political

Planned to meet requirements for teaching Ohio History and Government

THE PUBLIC LIBRARY
OF
COLUMBUS, OHIO

BY C. D. KERRISON
Author of

Atlas of American History and Government
Ohio History Series
An Interpretation of American History
New York

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COLUMBUS, OHIO
1936

PREFACE

This book is the first historical atlas for Ohio. But of course there have been many maps and charts in which Ohio has had an important part. Principal assistance has been in United States Census Reports for the various decades and in the work of the Ohio Development and Publicity Commission. Other aids have been the many books on Ohio, in which the principal ones for our purpose have been Randall and Ryan, History of Ohio (1912), Wittke, ed., History of Ohio (1942) and Roseboom and Weisenberger, History of Ohio (1934, 1953). All have contributed to the crystallizations presented here and are greatly appreciated. It is regretted that the urgency of demand for materials for use in the schools and for teacher-training has restricted personal consultations with others in the field of Ohio History, as is the fact that it has been done in mimeograph because regular publishers feared restricted sales would not justify regular publication.

The aim has been to emphasize Ohio in recent times as the Ohio in which there is the most interest, but it is realized that full understanding and appreciation must be based on knowledge of the stages through the state has passed. Hence there are more maps on the period since 1898 than on all earlier history. Stress on maps as a principal agency in visual education has been evident only since World War I. Somewhat like pictures, maps are peculiar in that one alone is static; it takes a succession of them to reveal development or change. Here the maps are presented mostly by subject matter arranged in chronological sequence, in seven groups as conditions move from geography and early inhabitants, through explorers and early settlers to settled communities with little contact with the rest of the world, to standards of older communities with their roads, canals, railways, churches and schools, modern farming and industry, professions, business, and social and political associations.

Even though Ohio is the major interest, it has been judged best always to link Ohio with the United States and the world of which it has been a part. In that fashion Ohio can throw light on general trends and receive effects of outside conditions on itself. Whether the presentation has been a balanced one must remain a matter of opinion. At any rate it is hoped that the maps are geared together to present a moving picture of existing conditions.

The matter of index has presented a peculiar problem in that the smallness of the area and extreme mobility of Ohioans has reduced the usual stress on place and left more room for the what in the development. Hence the rather unusual Contents-Index pages which attempt to relate developments by emphasizing subject matter in chronological sequence. Since map number and page number have been made the same for convenient thumbing of the pages, numbers appear at right side of page only.

History Department, Ohio University
Athens, Ohio
March 15, 1956

O. D. Morrison

941309

PREFACE

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Even though Ohio is the major interest, it has been realized that maps to link Ohio with the United States and the world of which it has been a part. In that limited Ohio can throw light on general trends and specific effects of outside conditions on itself. Within the presentation has been a balance and must remain a matter of opinion. At the same time it is hoped that the maps are placed together to present a moving picture of existing conditions.

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History Department, Ohio University
Athens, Ohio
March 12, 1938

O. S. Hooten

1938

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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

RESEARCH REPORT

ON THE THEORY OF THE
ELECTROMAGNETIC FIELD

BY
J. D. JACKSON

AND
L. L. SUTHERLAND

CHICAGO, ILLINOIS
1962

RECEIVED
JANUARY 1, 1962

RESEARCH REPORT
NO. 1

PHYSICS DEPARTMENT
UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS
60637

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GENERAL SUGGESTIONS FOR HAND-COLORING OR FINISHING ATLAS MAPS IN SCHOOLS

The color adds life and attractiveness to maps and gives the person doing the coloring a chance to see and appreciate the data there as part of the whole development.

It is intended that color apply to areas primarily. All maps are in black and white. The black expresses the development; the white is the background. The black is in various forms: stipple, lines, enclosures, shading, curves, names and letterings, at times with arrows to indicate direction of movement. Generally only the stippled and non-stippled areas are to be colored, and lightly enough so as not to obscure the data in black beneath it.

There are not more than three forms of stipple:

1. The heaviest is to be colored lightly with blue, as to be shown on #s 3, 16, 18, 19, 71, etc.¹
2. The next lighter stipple would be colored with orange, as for #s 12, 15, 23, etc.²
3. The next lighter stipple would be colored with green, as for 42.
4. The land area with no stipple would be colored yellow, as for #s 33, 34, 39, 40, 27.³

Exceptions:

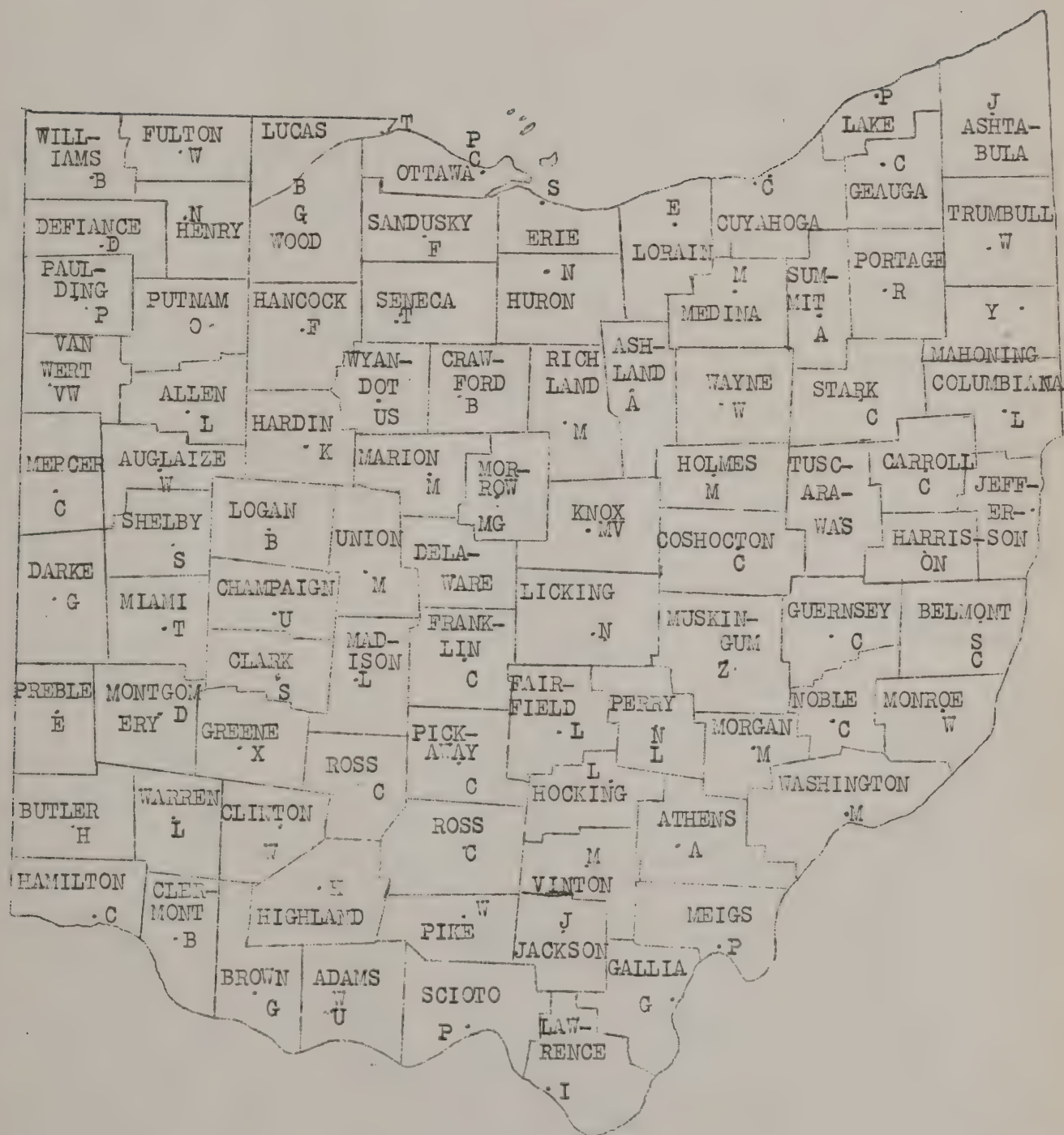
1. When Ohio appears on a larger area (as on United States map) and has no stipple, as on #s 30, 31, color it pink for emphasis and location.
2. Do not color water area unless it is stippled, because positive color there tends to distract from the main fact.

1 Then # 12 would emerge colored blue, orange, yellow.

2 And #s 15, 37AB would be colored orange and yellow.

3 And #s 7, 8, 11, 13, 17, 20 would be colored yellow.

COUNTIES AND COUNTY SEATS

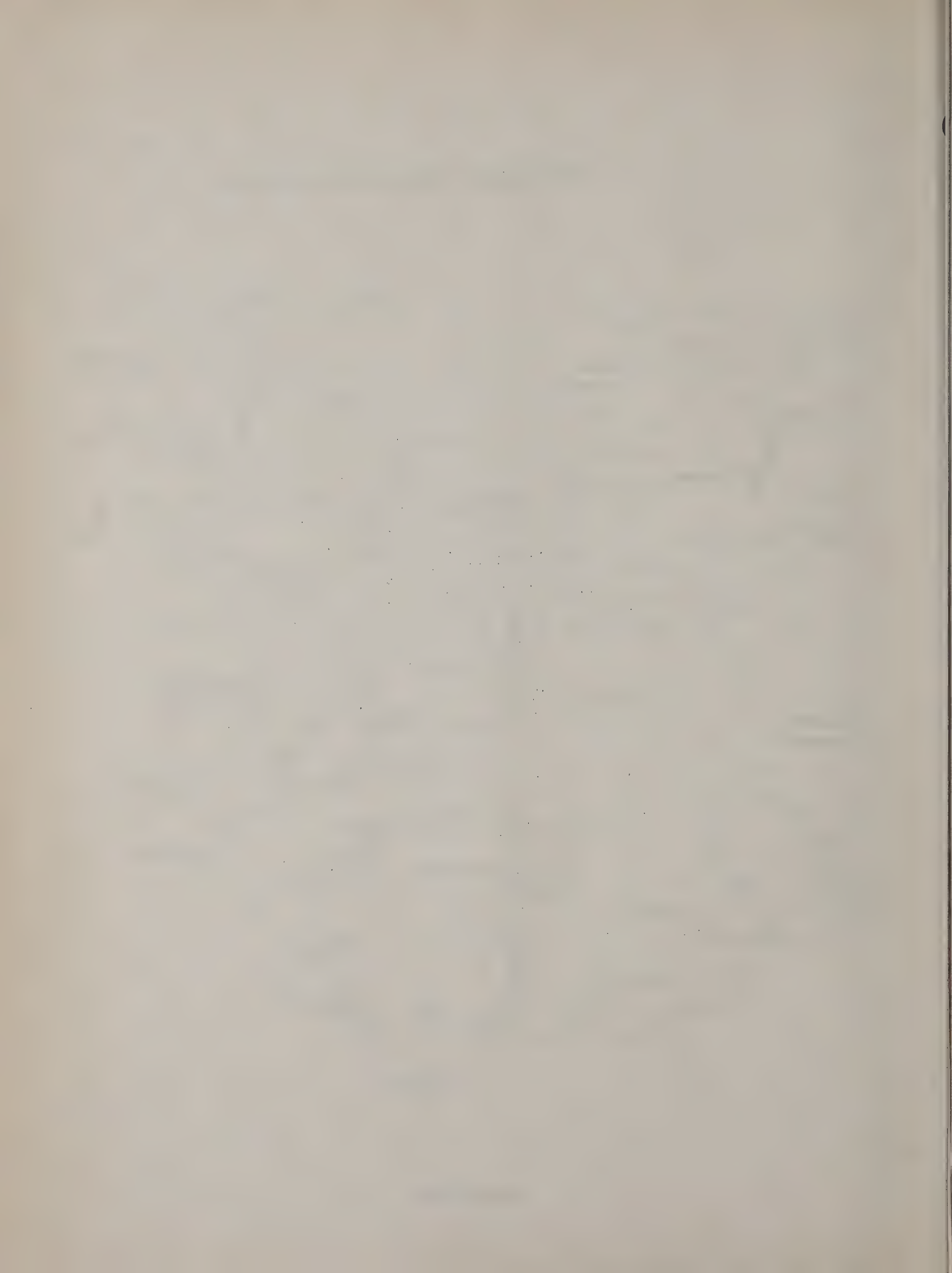


Scale: One Inch to Thirty Miles

OHIO ATLAS

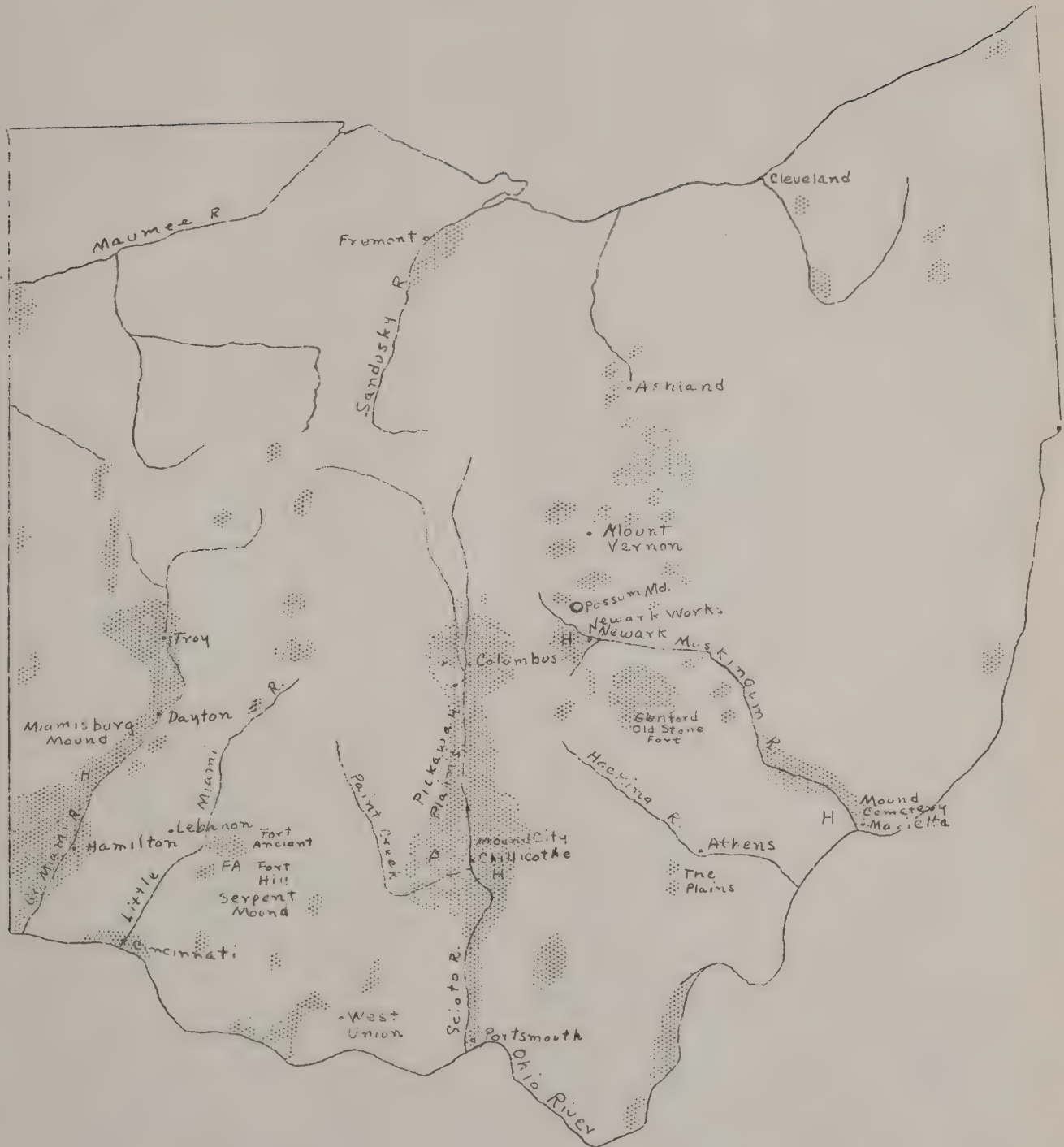
PHYSIOGRAPHIC PROVINCES AND DRAINAGE





MOUND BUILDERS IN OHIO

-3-

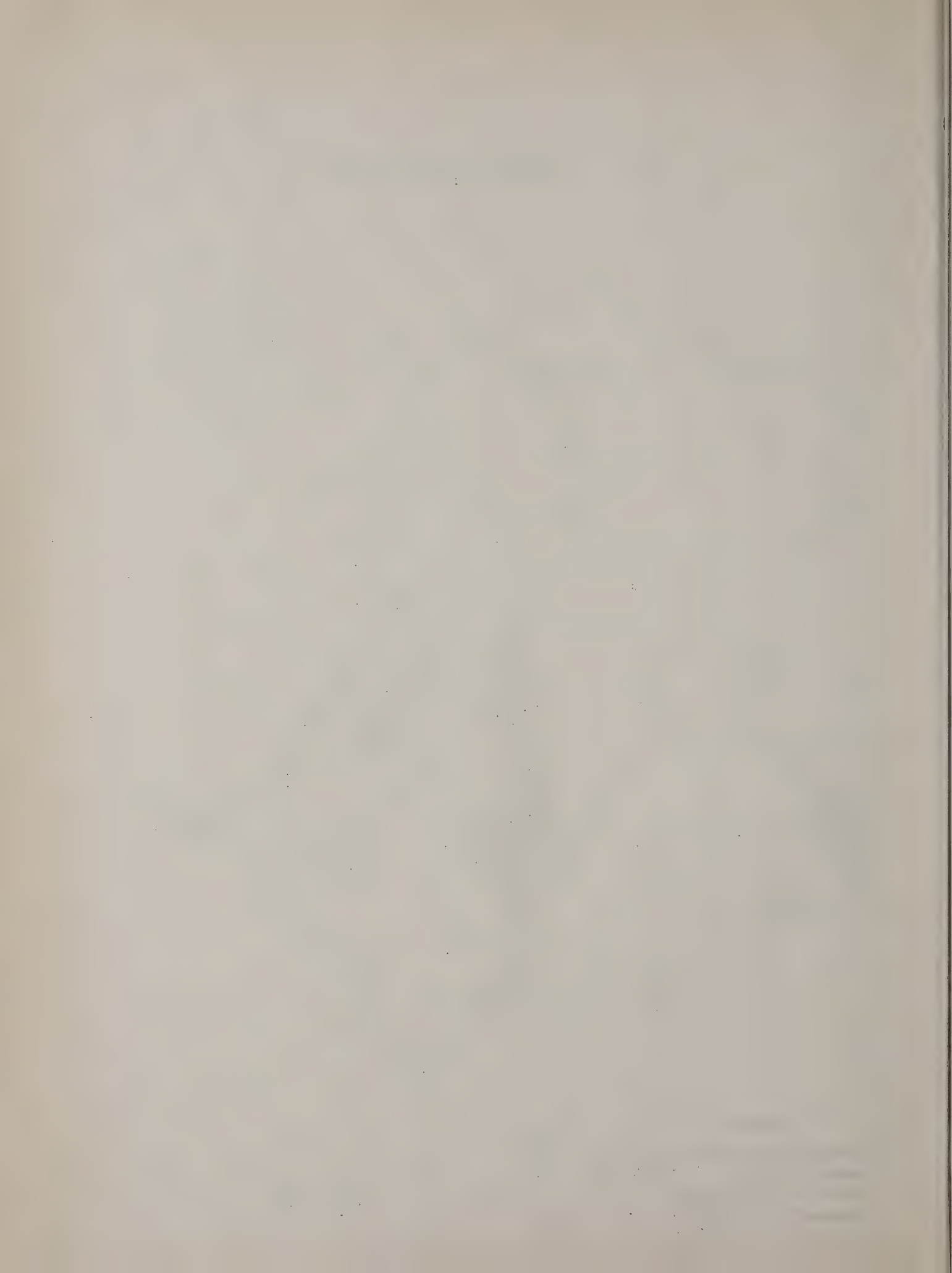


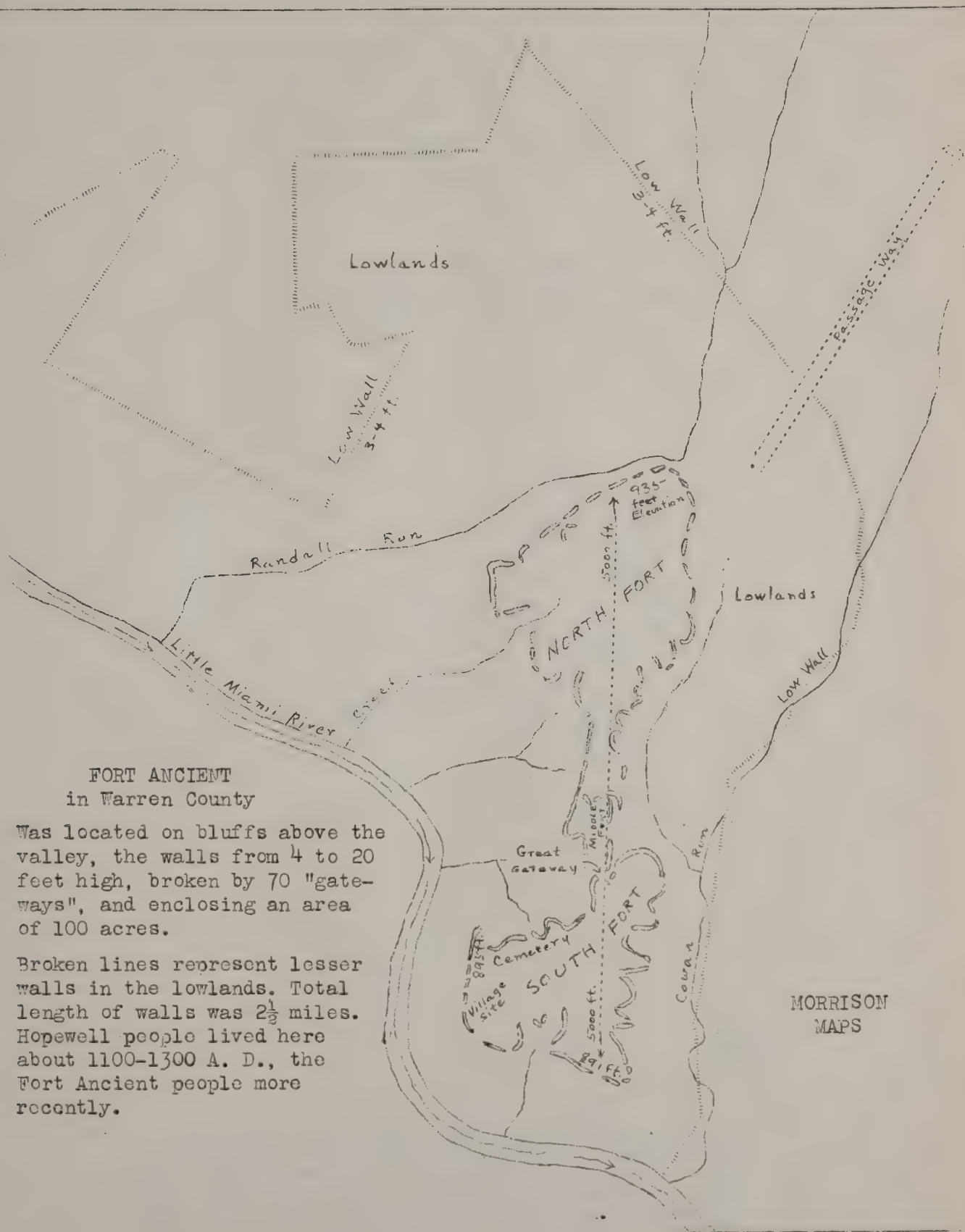
LEGEND:

General areas of occupation
 Adena Culture - A
 Fort Ancient Culture - FA
 Hopewell Culture - H



OHIO ATLAS



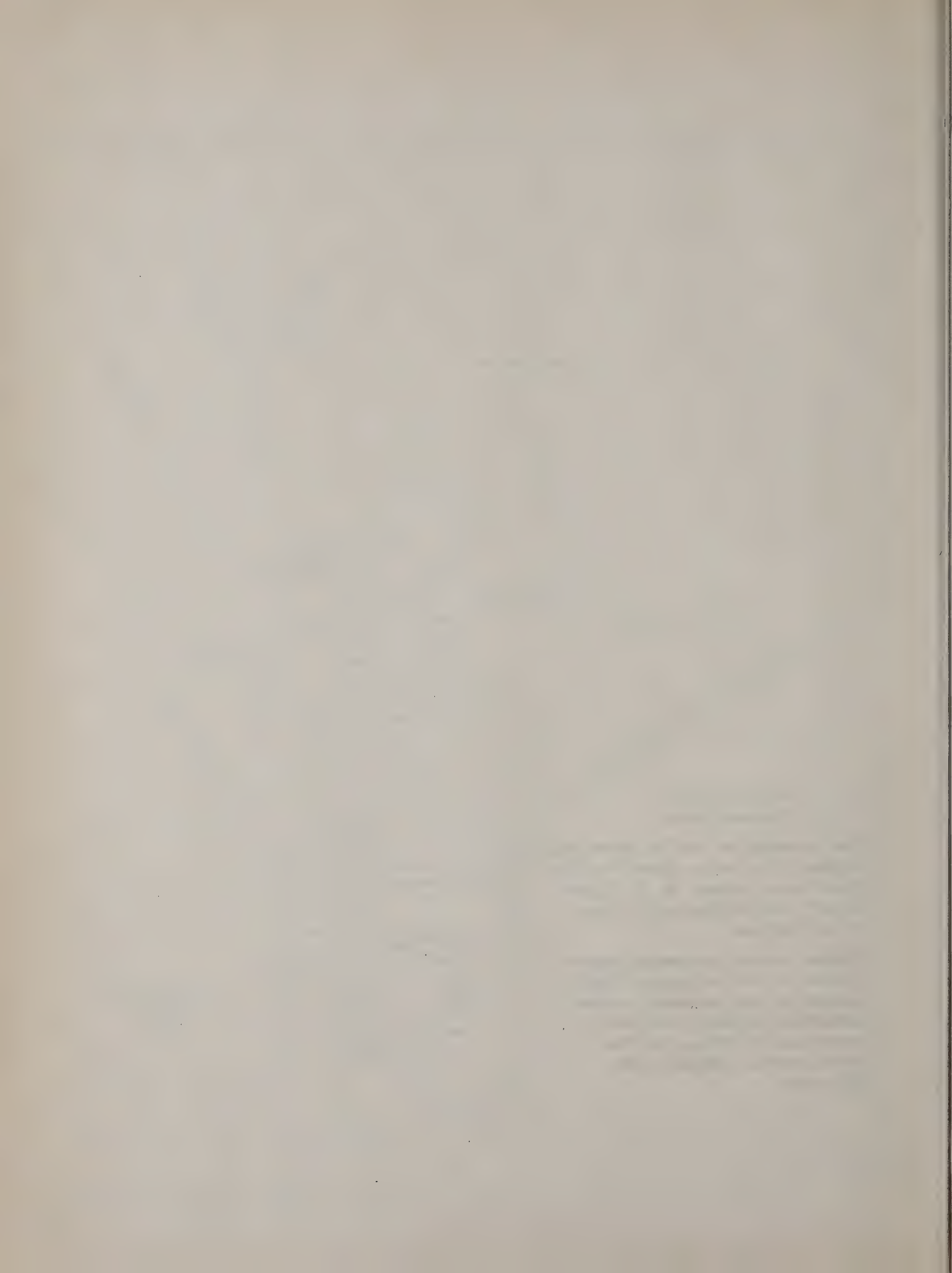


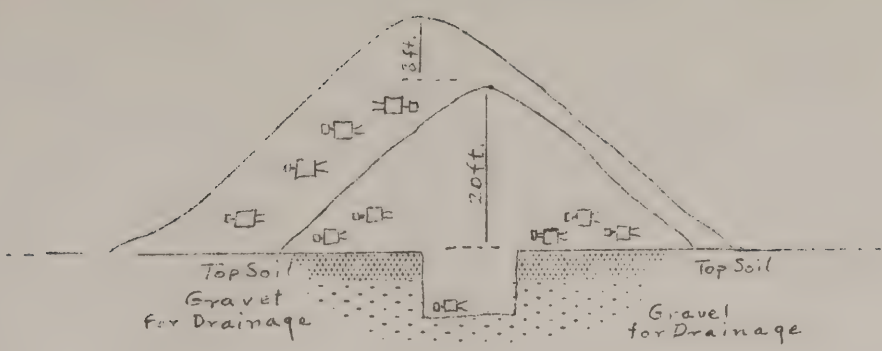
FORT ANCIENT in Warren County

Was located on bluffs above the valley, the walls from 4 to 20 feet high, broken by 70 "gateways", and enclosing an area of 100 acres.

Broken lines represent lesser walls in the lowlands. Total length of walls was $2\frac{1}{2}$ miles. Hopewell people lived here about 1100-1300 A. D., the Fort Ancient people more recently.

MORRISON
MAPS



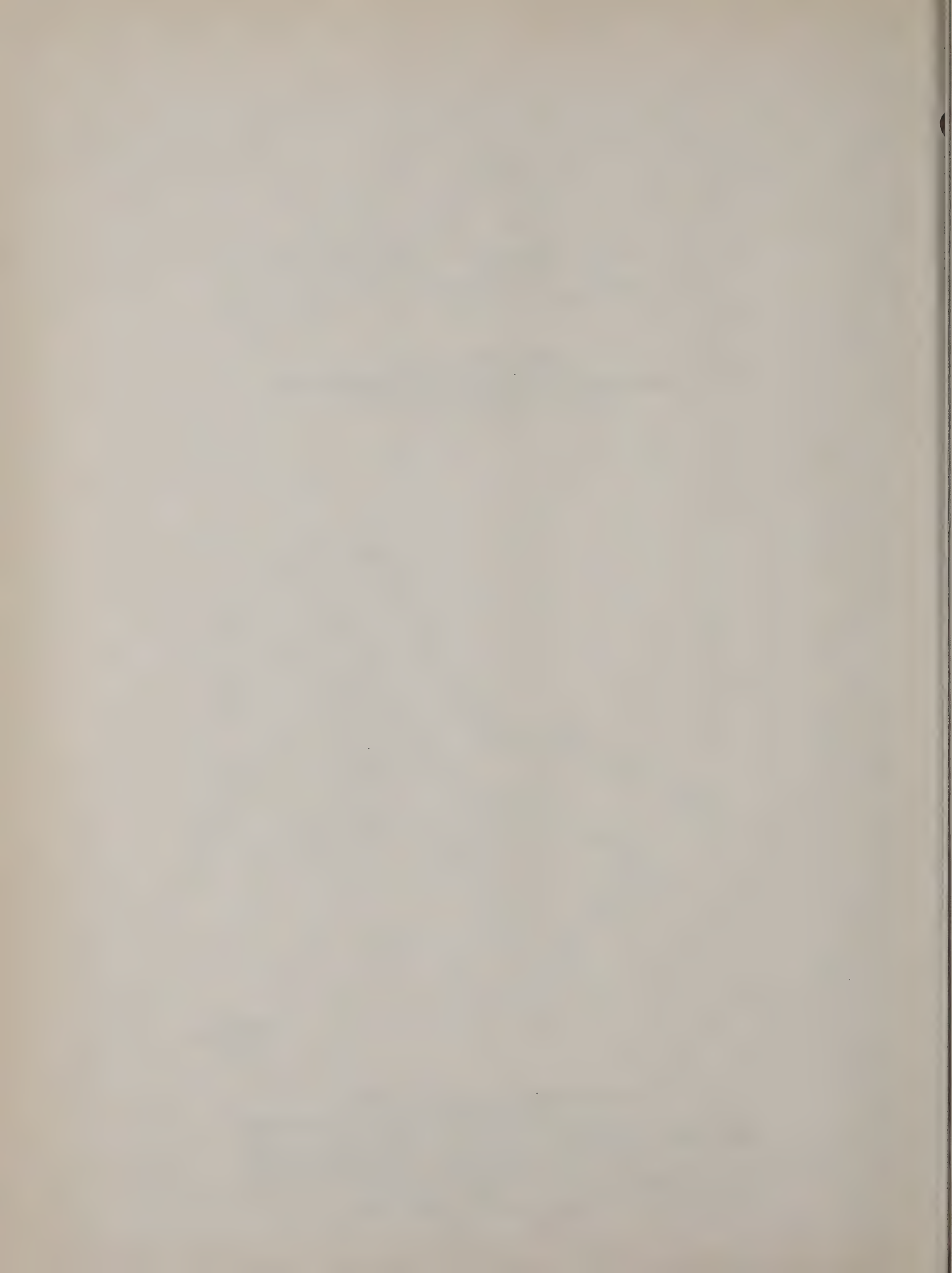


A. ADENA BURIAL MOUND
showing original mound and added mound;
also positions of skeletons



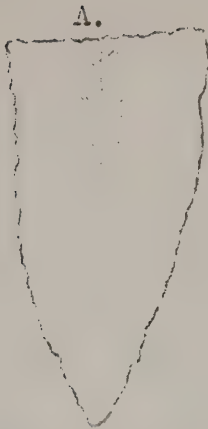
MORRISON
MAPS

B. FORT HILL, HIGHLAND COUNTY
is located on hill about 500 feet above Brush Creek.
Heavy bars represent sections of wall about 10 feet
high and $1 \frac{2}{3}$ miles long. Wall is at top of steep
cliff. Breaks in wall are about 12 feet wide. Inside
the wall is a trench about 50 feet wide.



MOUNDBUILDER RELICS

-6-



Spear (2/5 Size)
Coshocton Flint



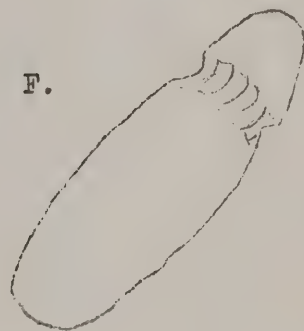
Large Spear
(2/7 Size)
Quartzite



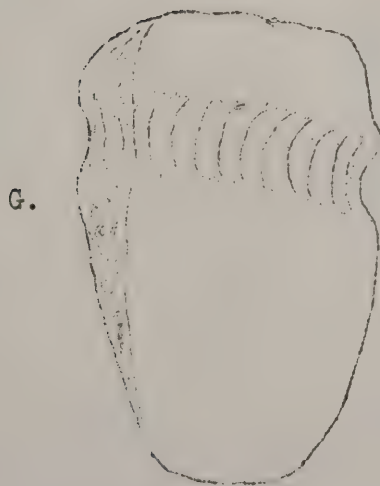
Stone Axes (1/4 Size)



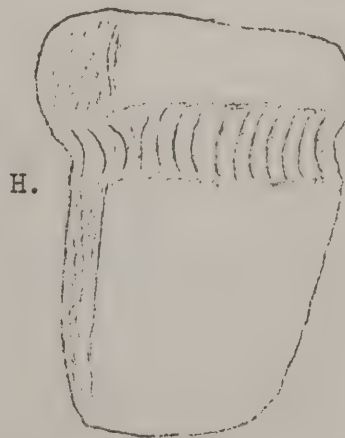
Frog Pipe, Weight 5 lbs.
(2/7 Size)
Sandstone



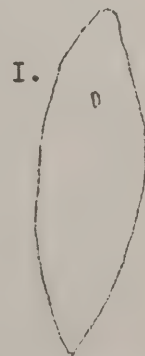
War Hatchet (2/5 Size)
Diorite



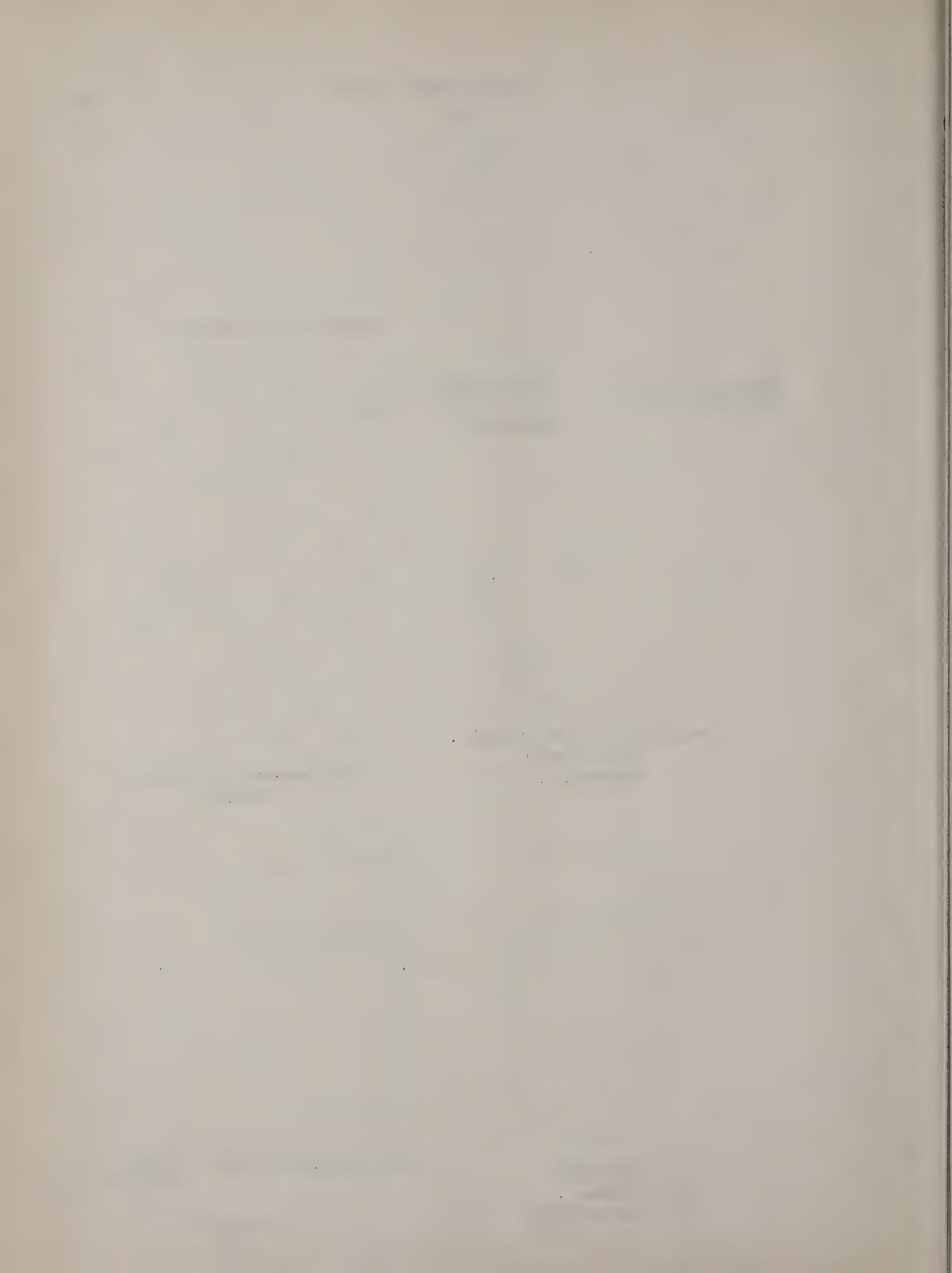
Stone Ax
15 1/2 lbs.
12 inches long



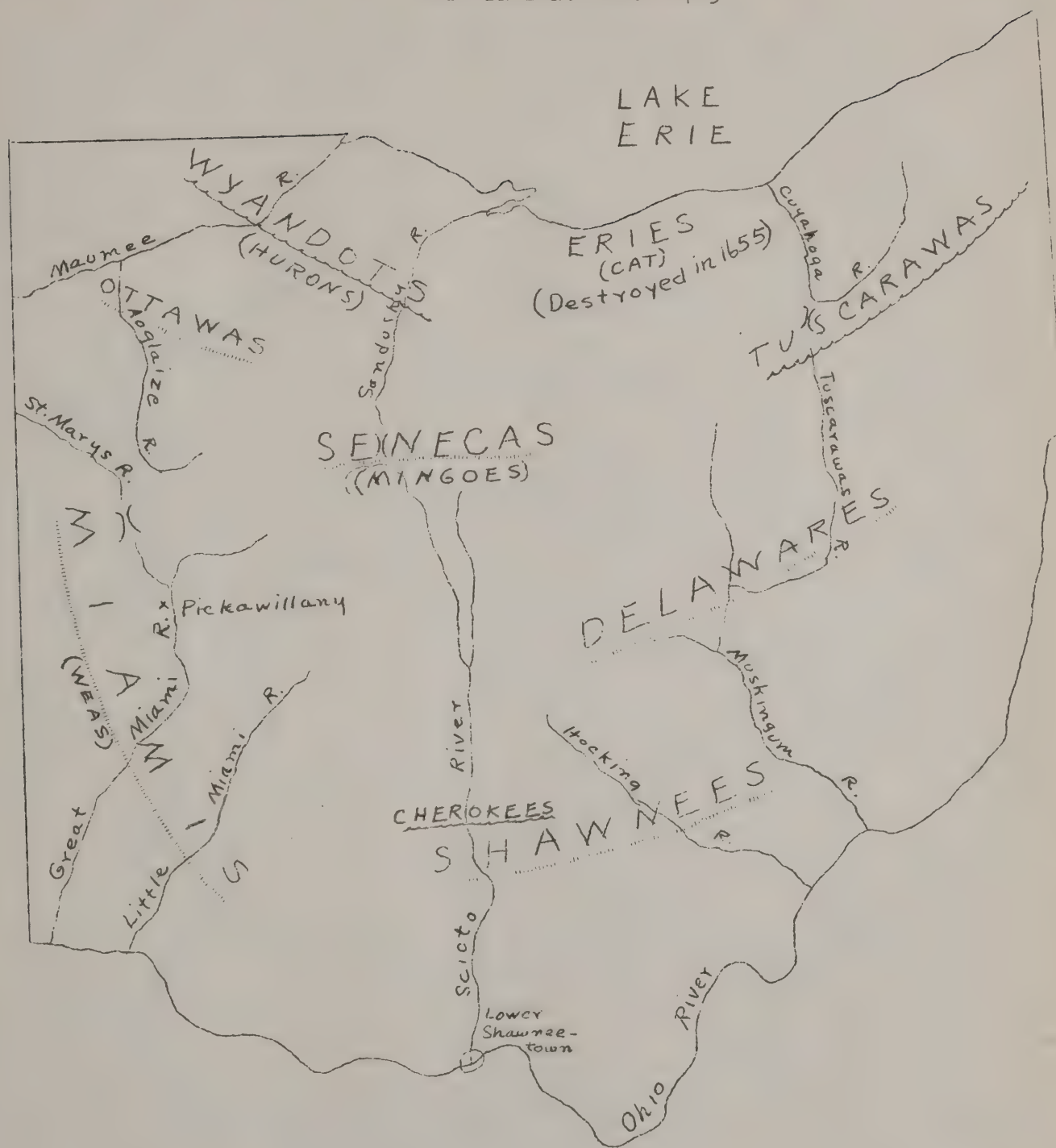
Stone Ax, 10 1/2 lbs.



Slate
Ornament



OHIO INDIANS ABOUT 1725

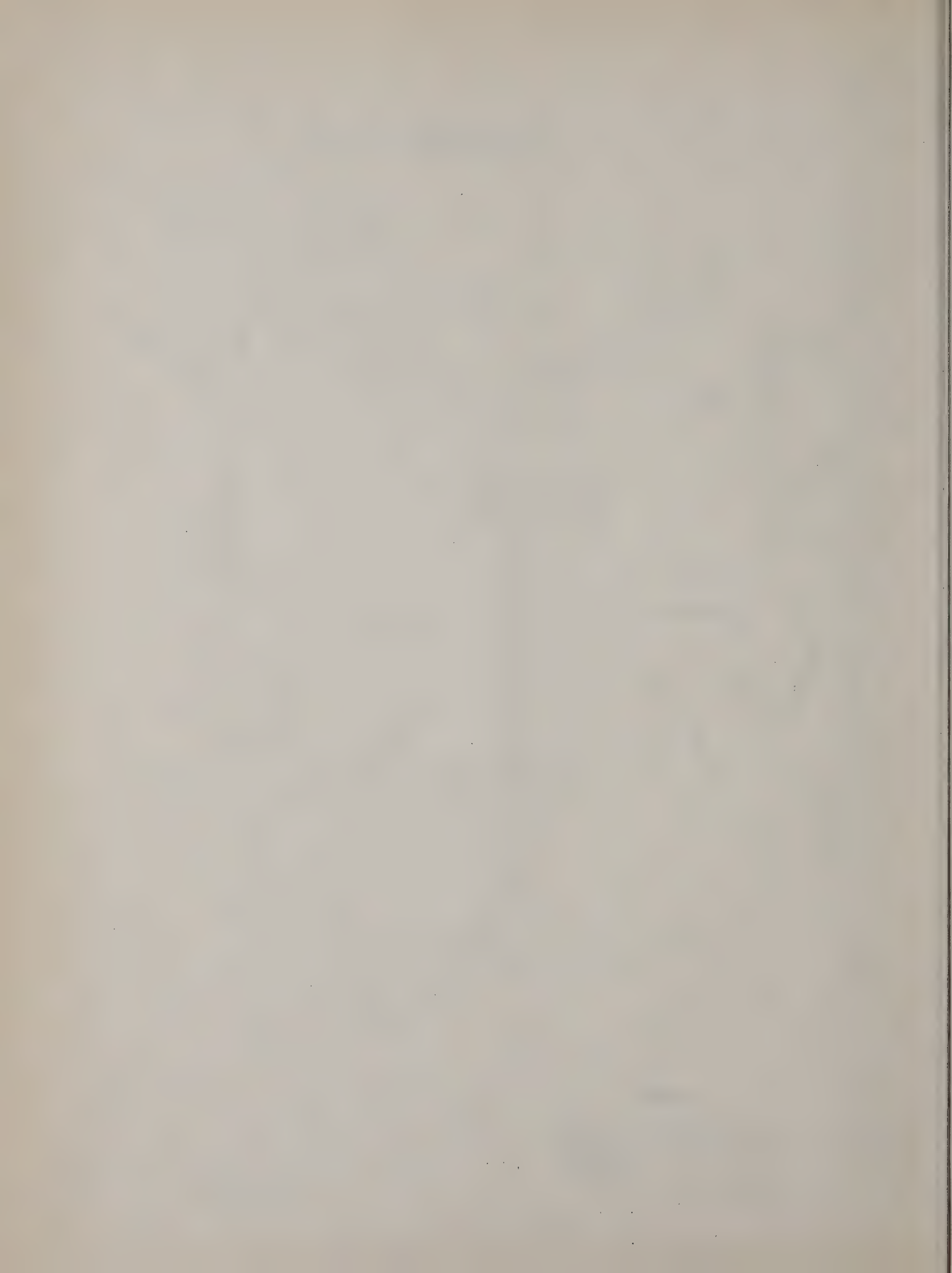


LEGEND

Algonquians, as, MIAMIS

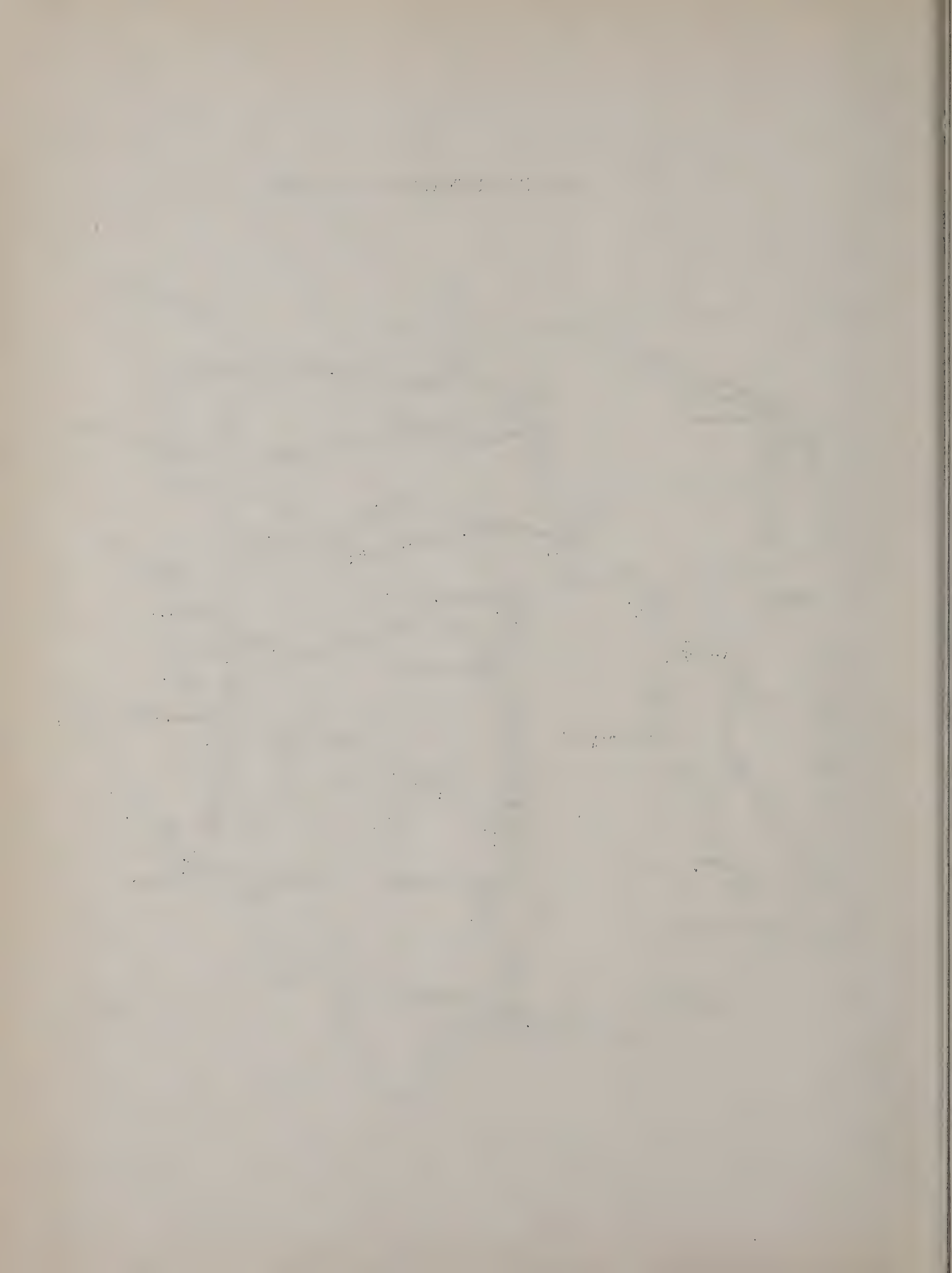
Iroquois, as, WYANDOTS

Portages, as, =

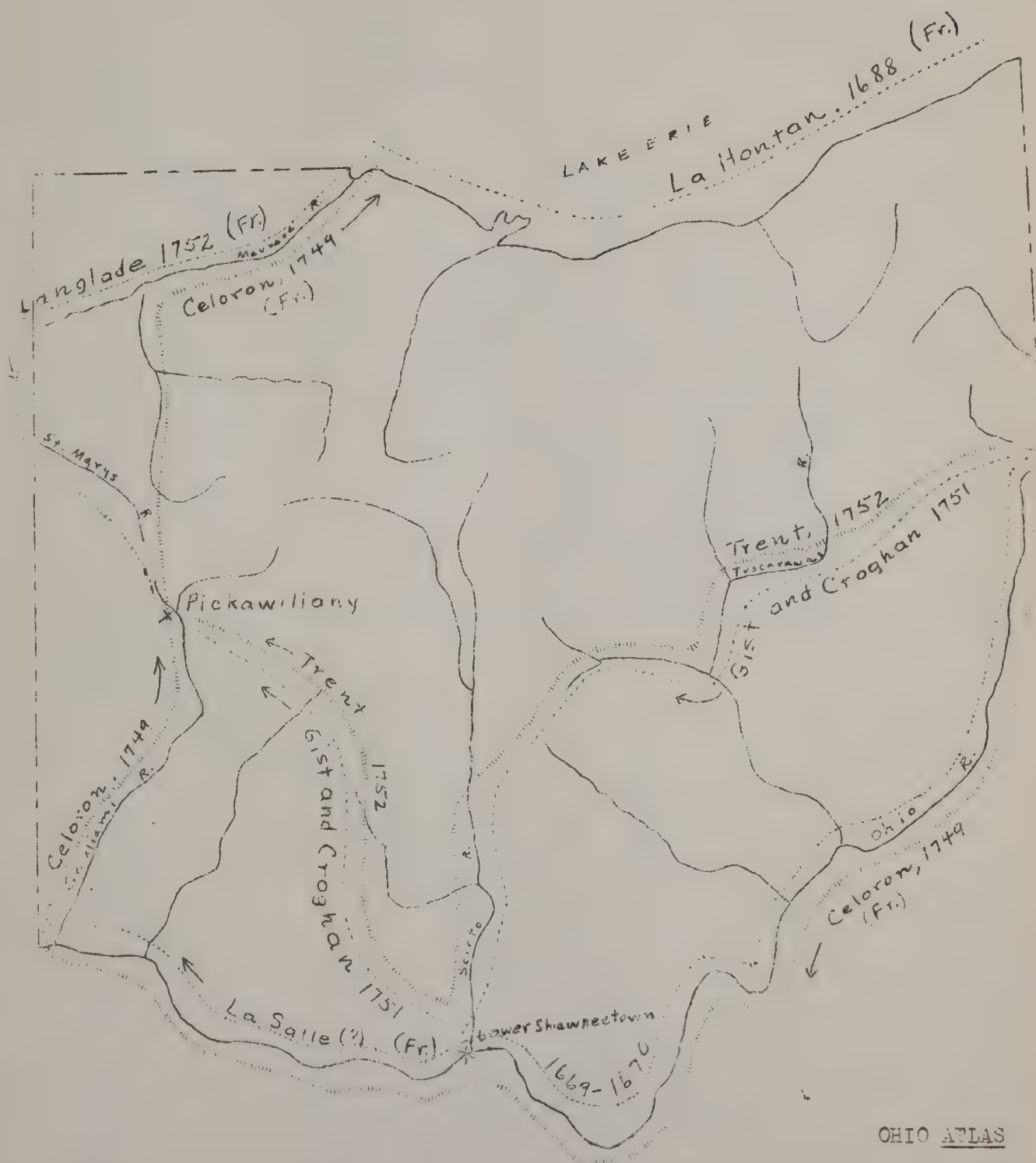


OLD INDIAN TRAILS AND WAR PATHS



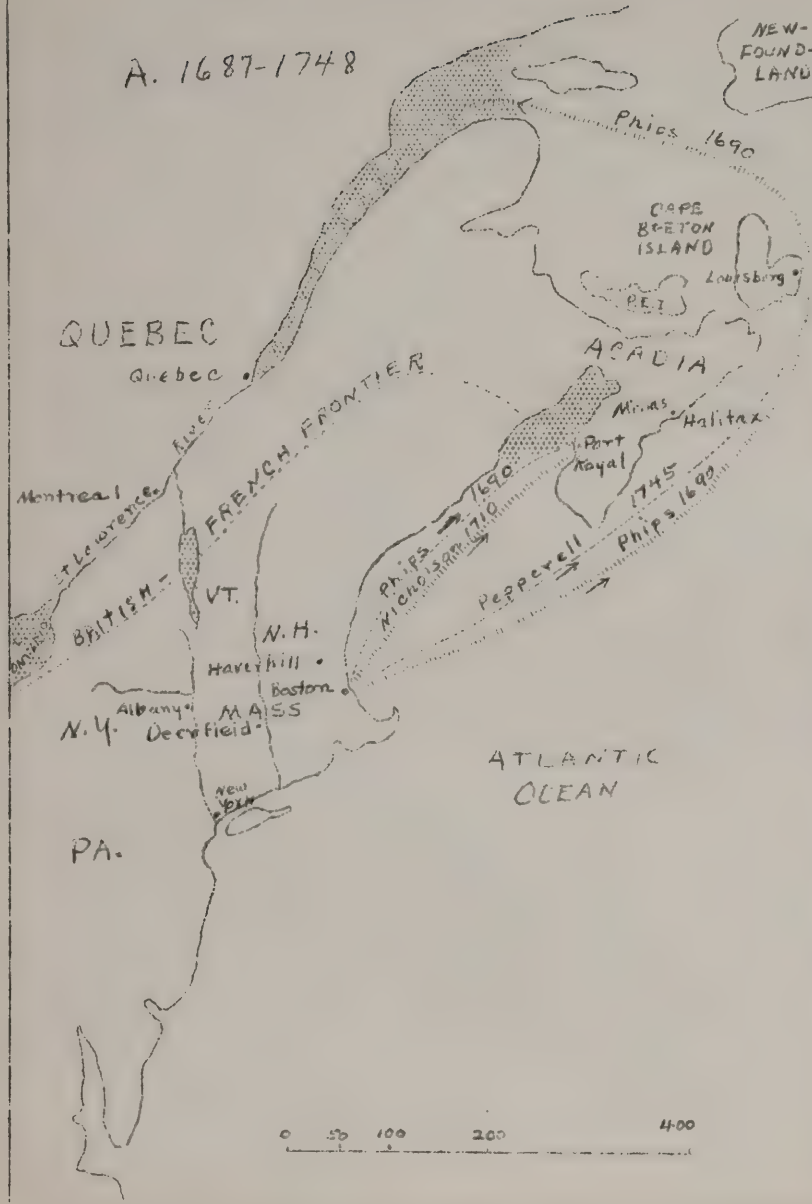


PART II. NO. 1. EXPLORATIONS IN THE OHIO COUNTRY, 1688-1752

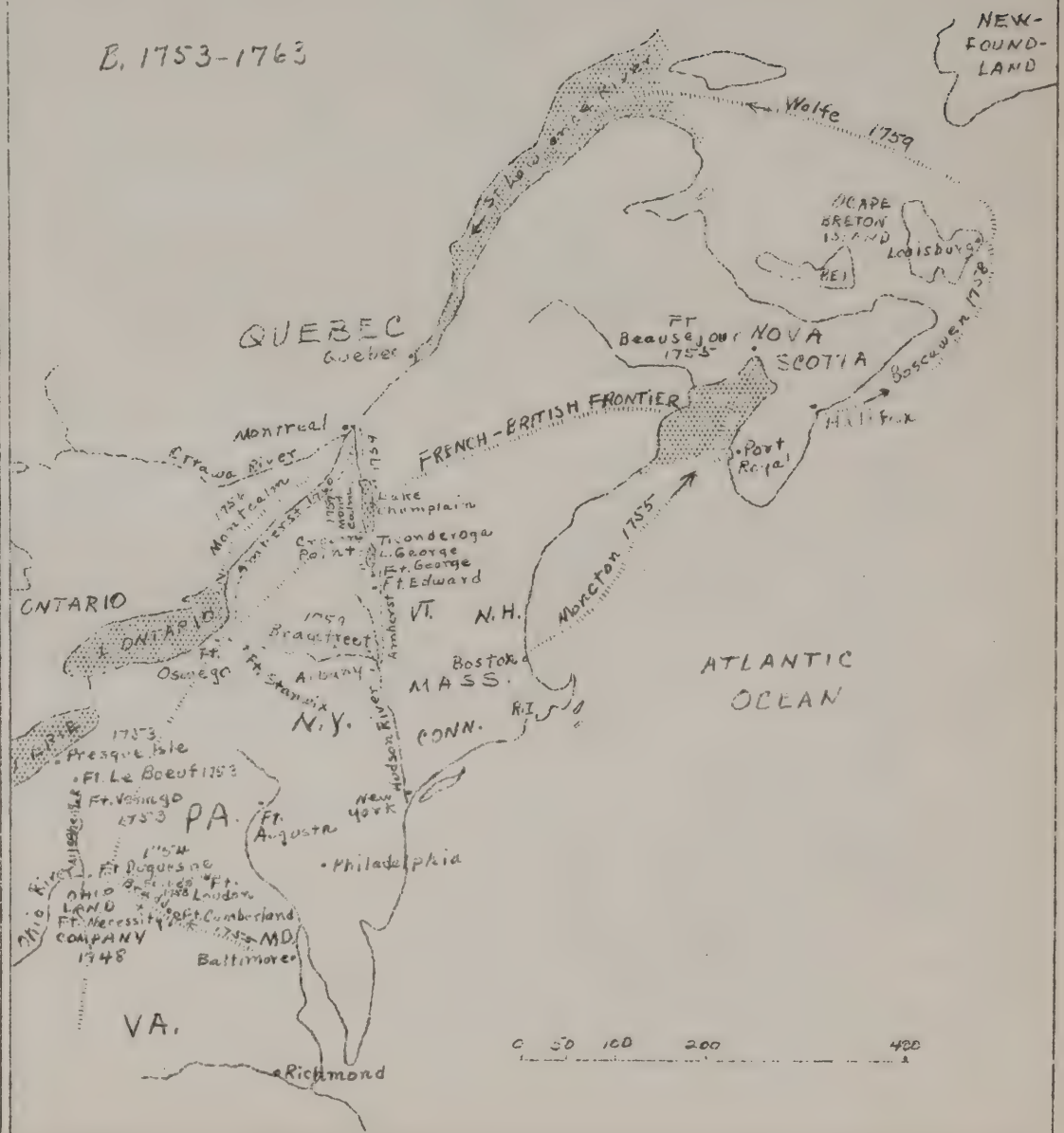


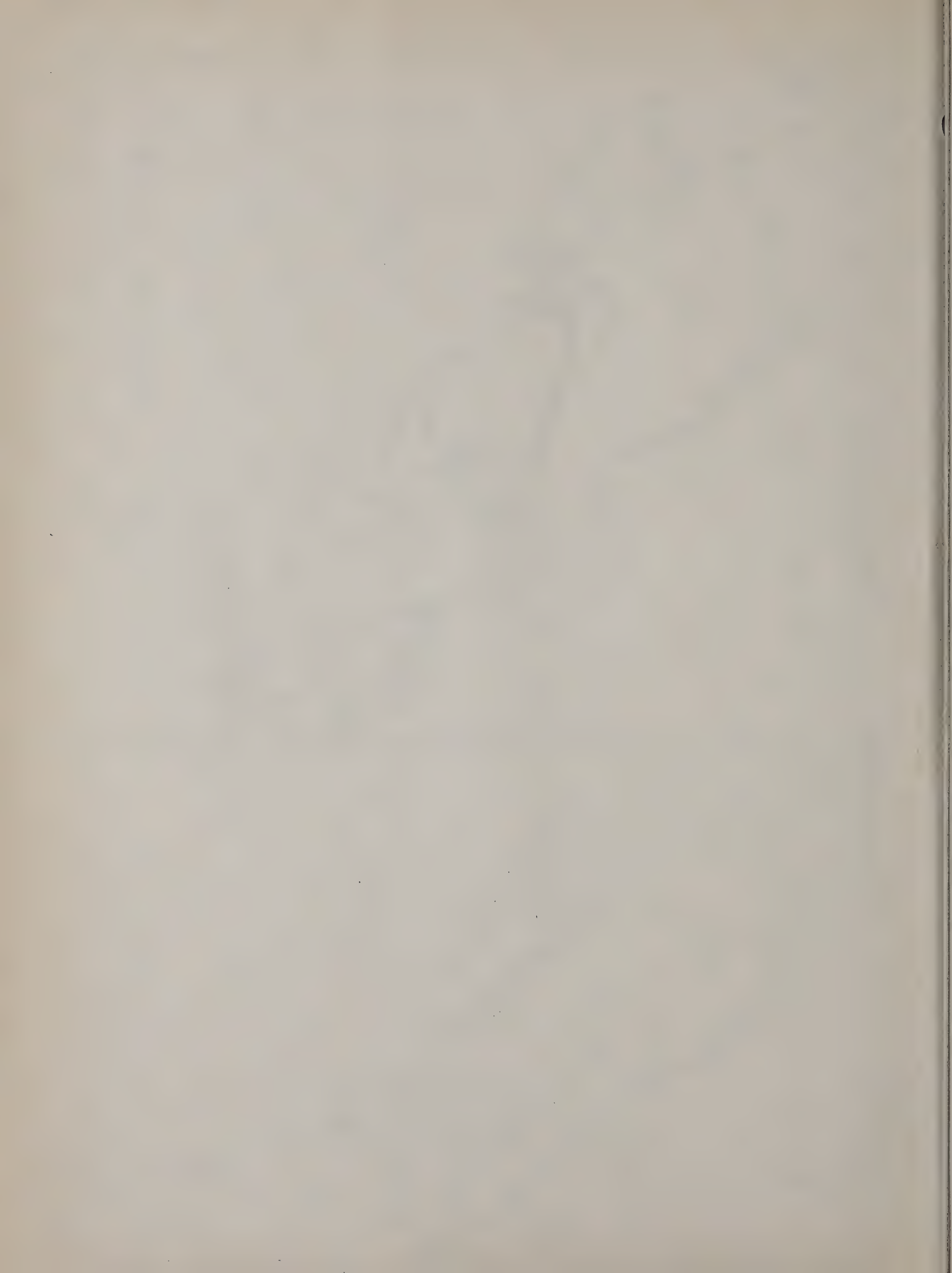
FRENCH AND INDIAN WARS, 1687-1763

A. 1687-1748

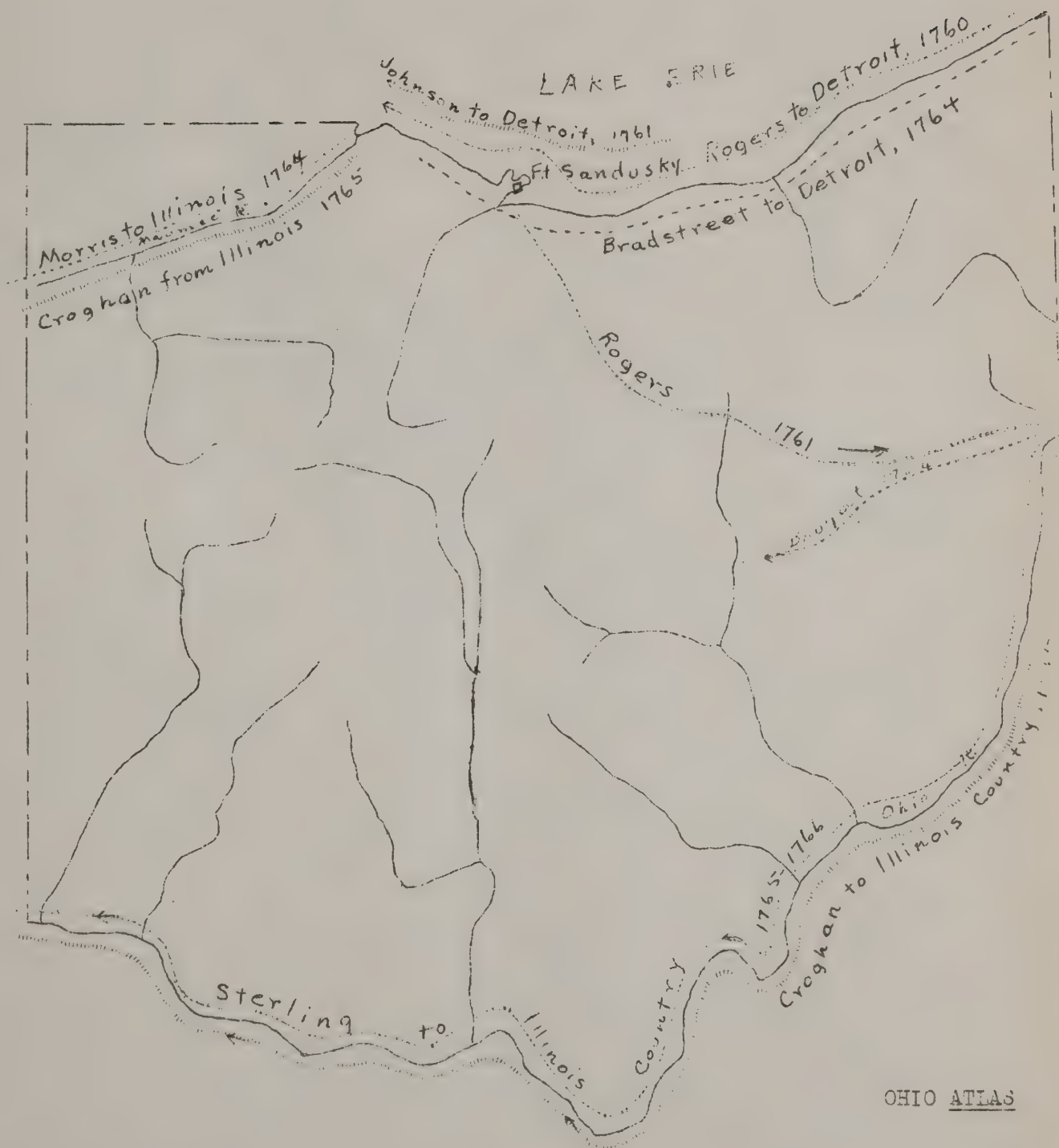


B. 1753-1763

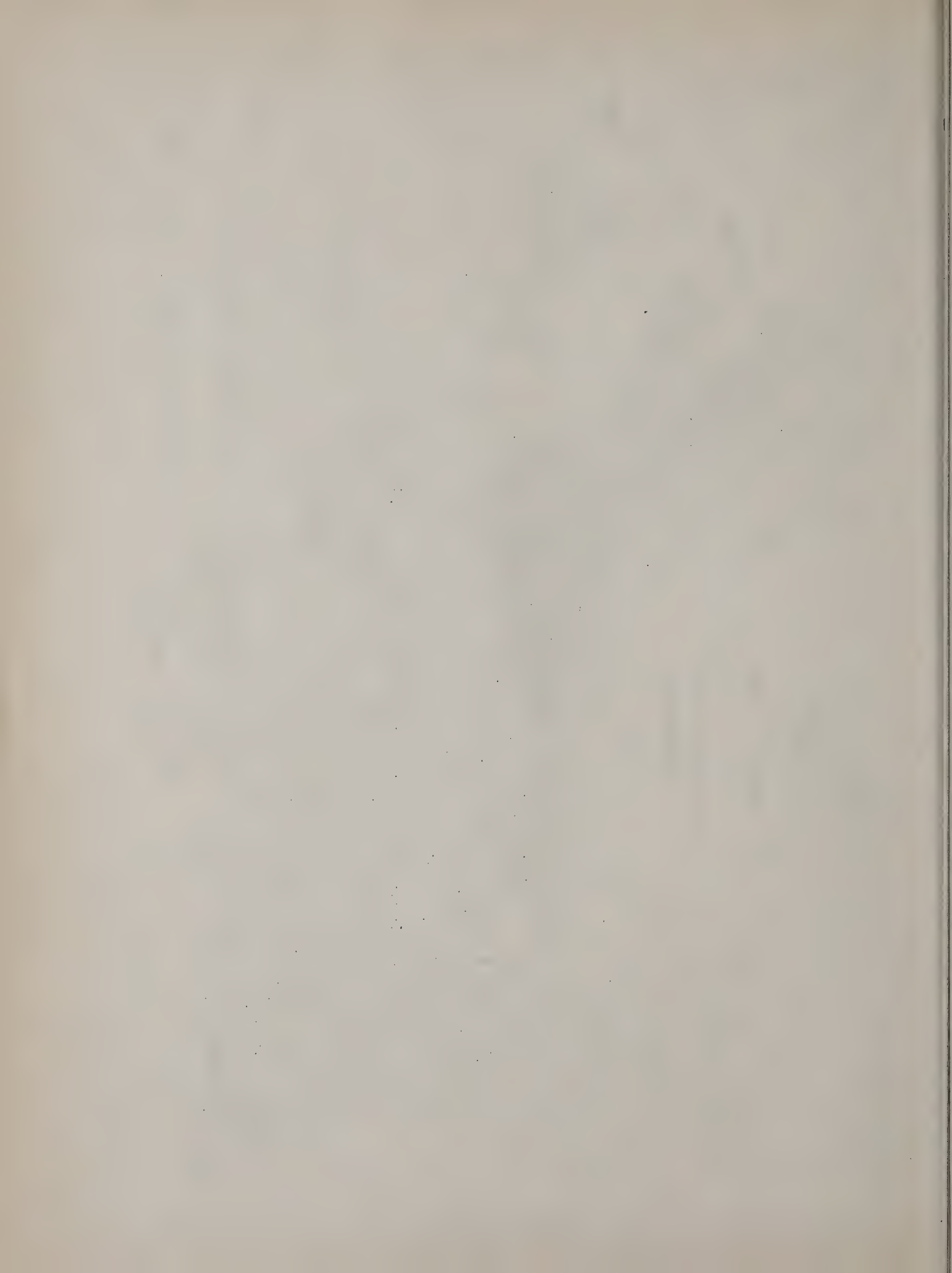




PART II. NO. 2. EXPEDITIONS, 1760-1765



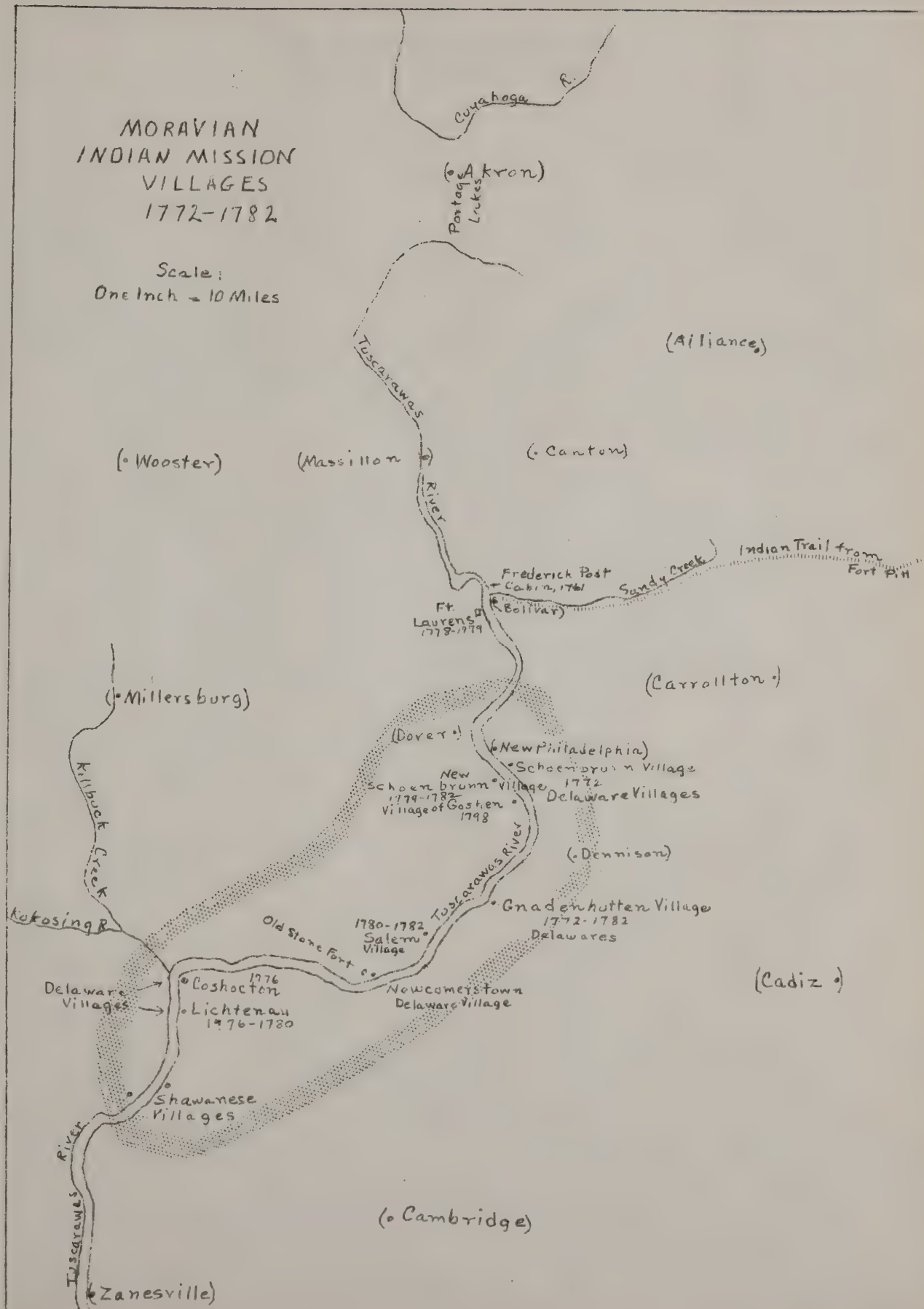


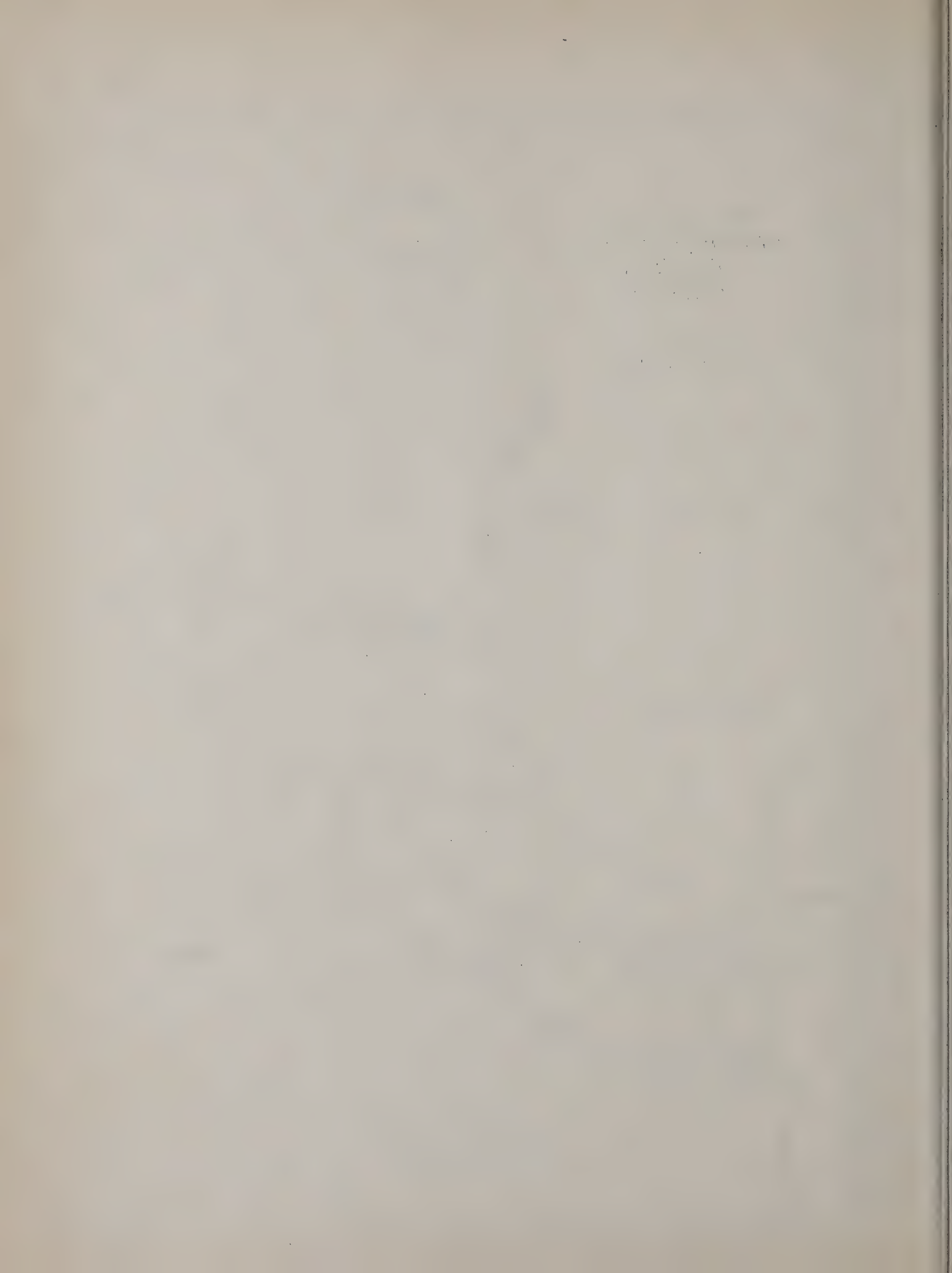




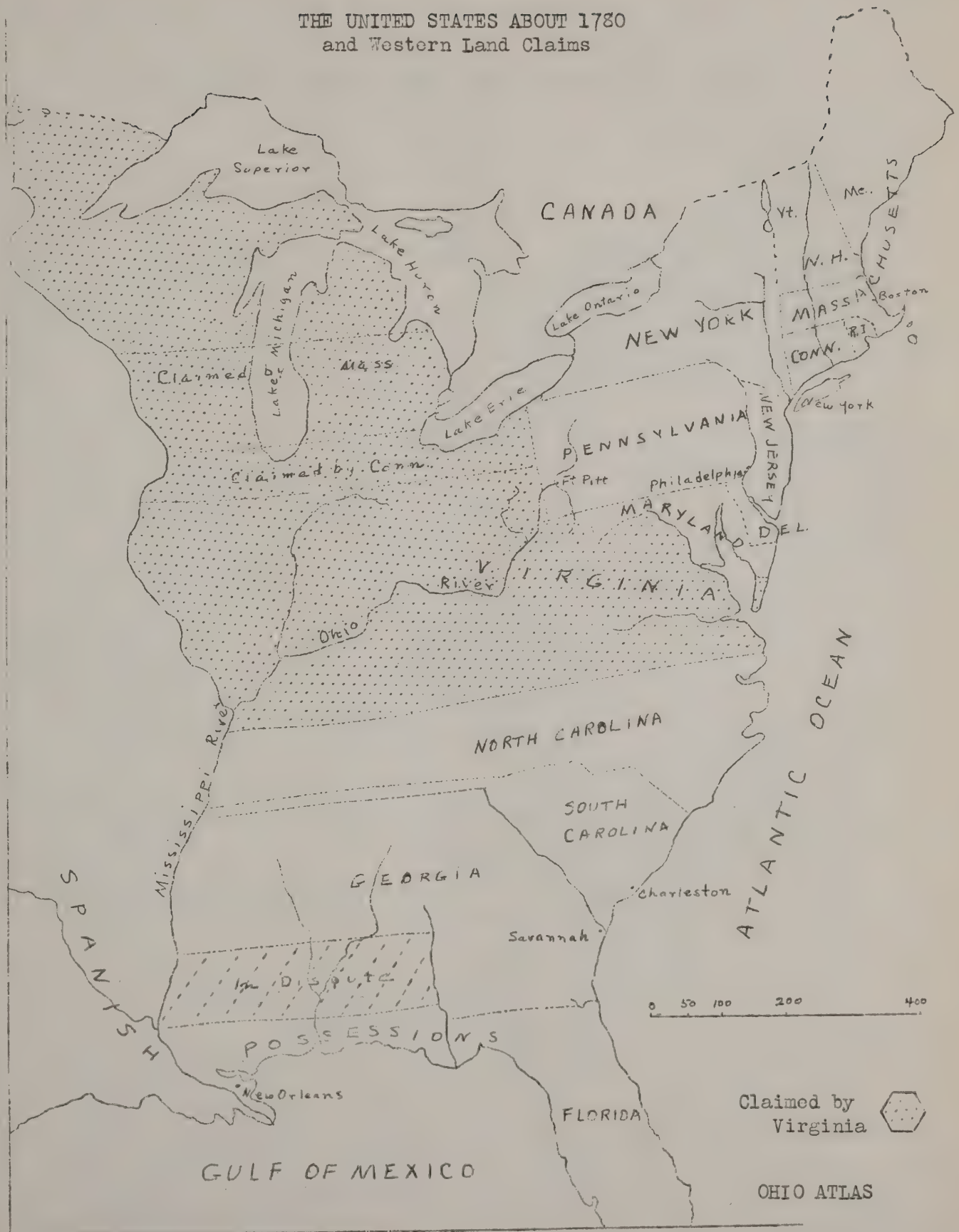
MORAVIAN INDIAN MISSION VILLAGES 1772-1782

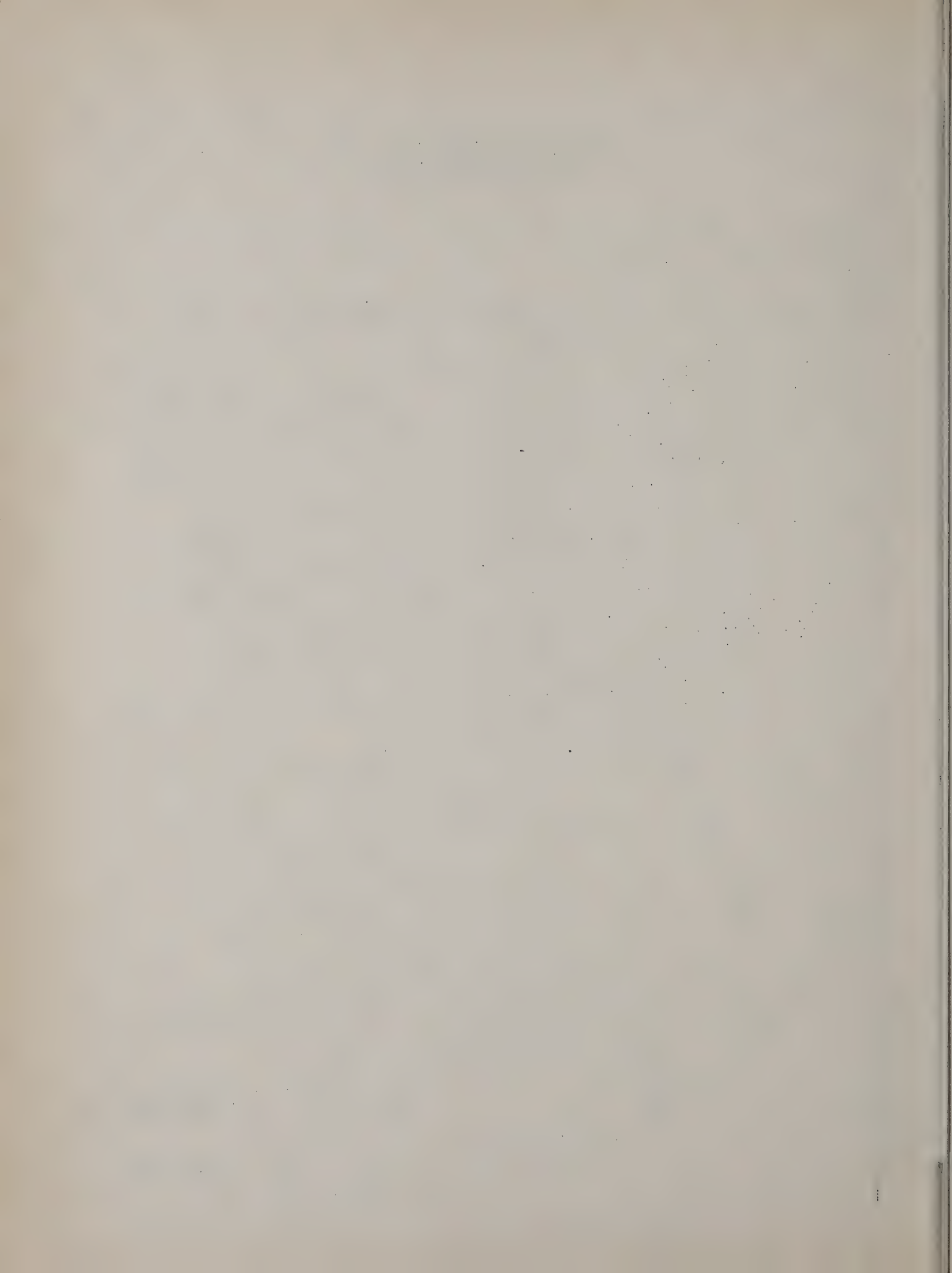
Scale:
One Inch = 10 Miles

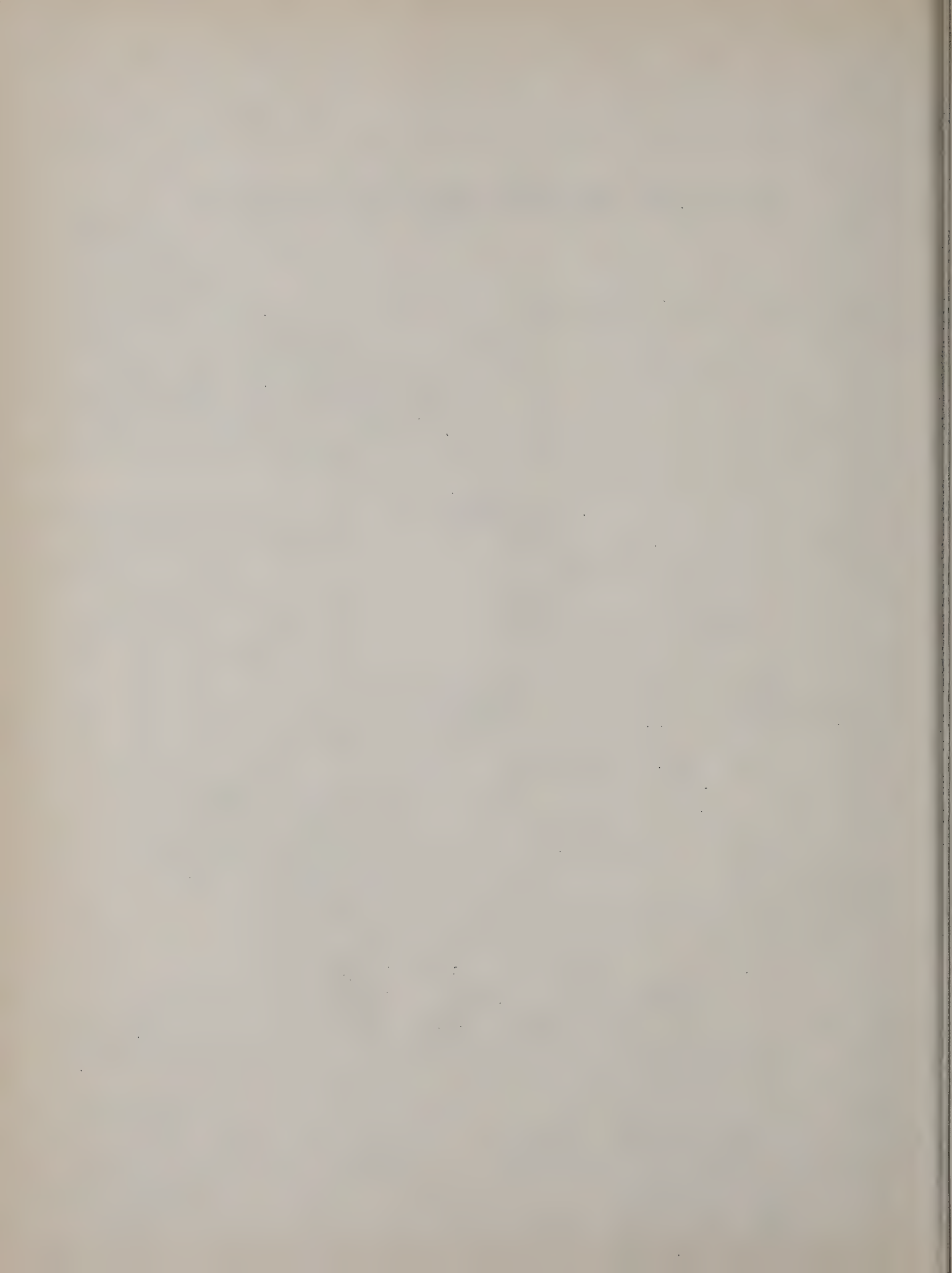




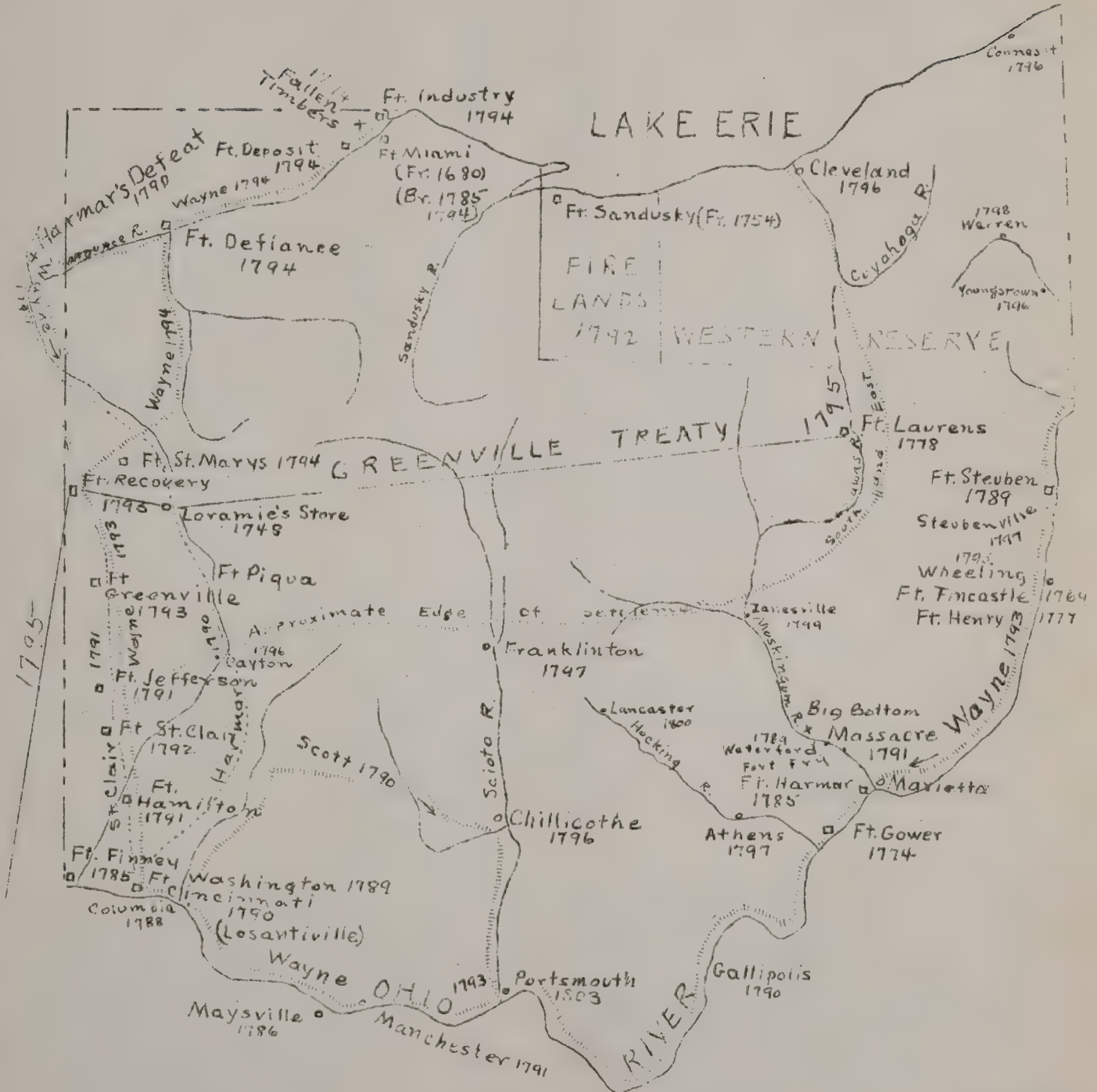
THE UNITED STATES ABOUT 1780 and Western Land Claims





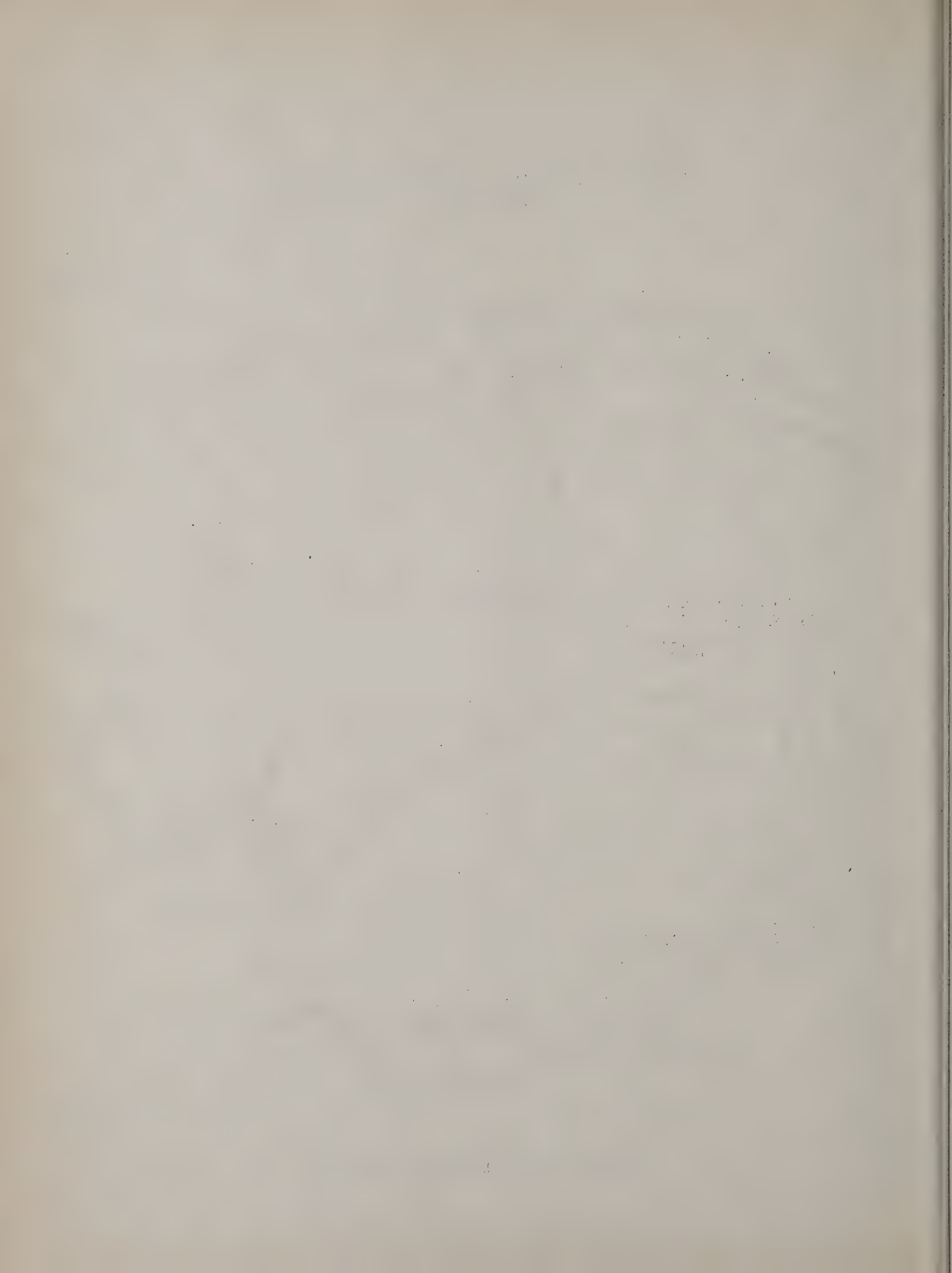


MILITARY OPERATIONS, TREATIES, SETTLEMENTS 1790-1795



OHIO ATLAS

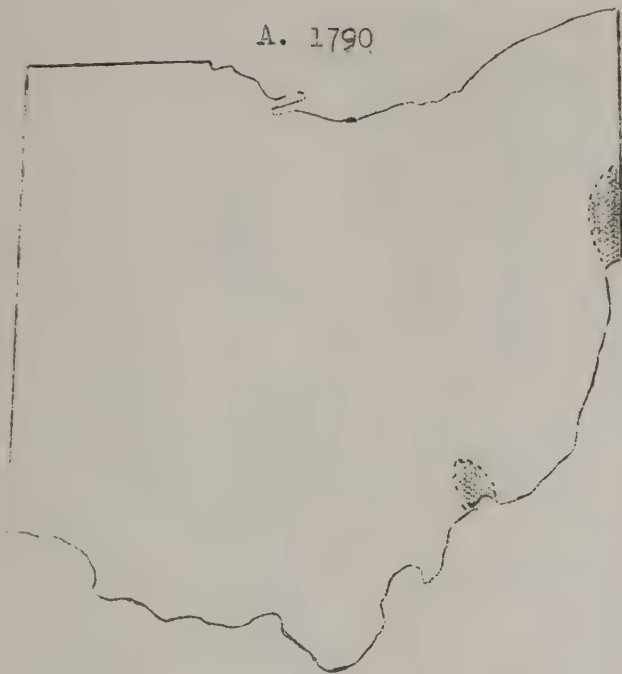
Scale: One Inch for Thirty Miles



POPULATED AREAS IN OHIO, 1790-1820

U. S. Census Report: Two or more Persons per Square Mile

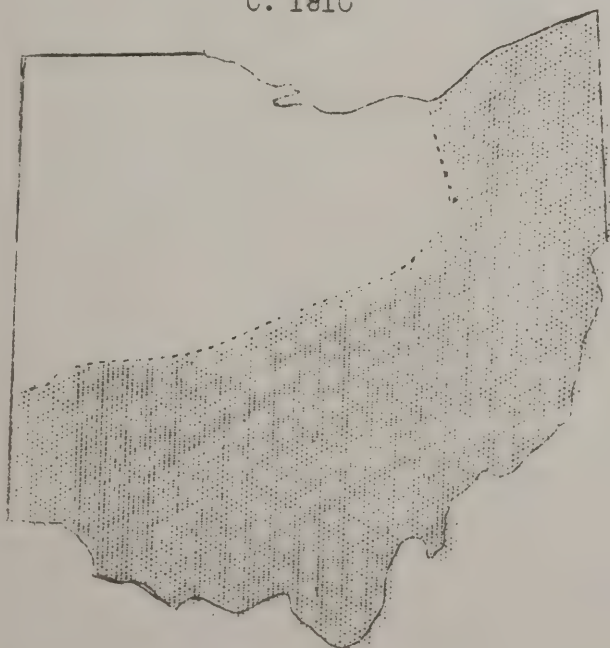
A. 1790



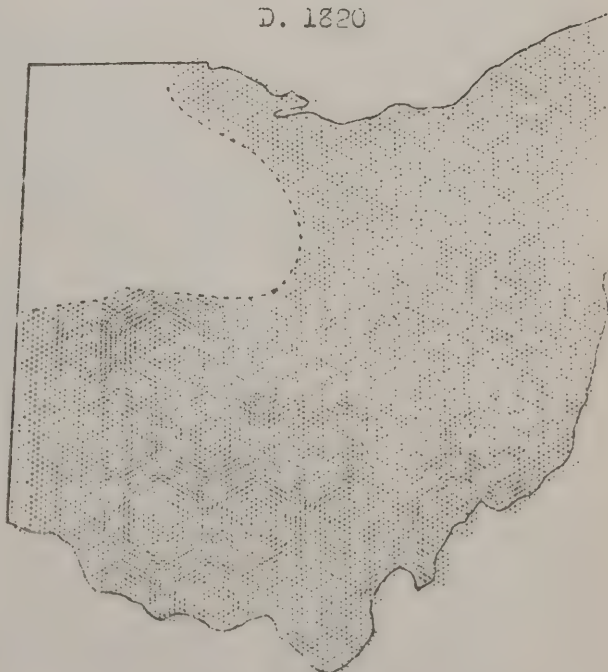
B. 1800

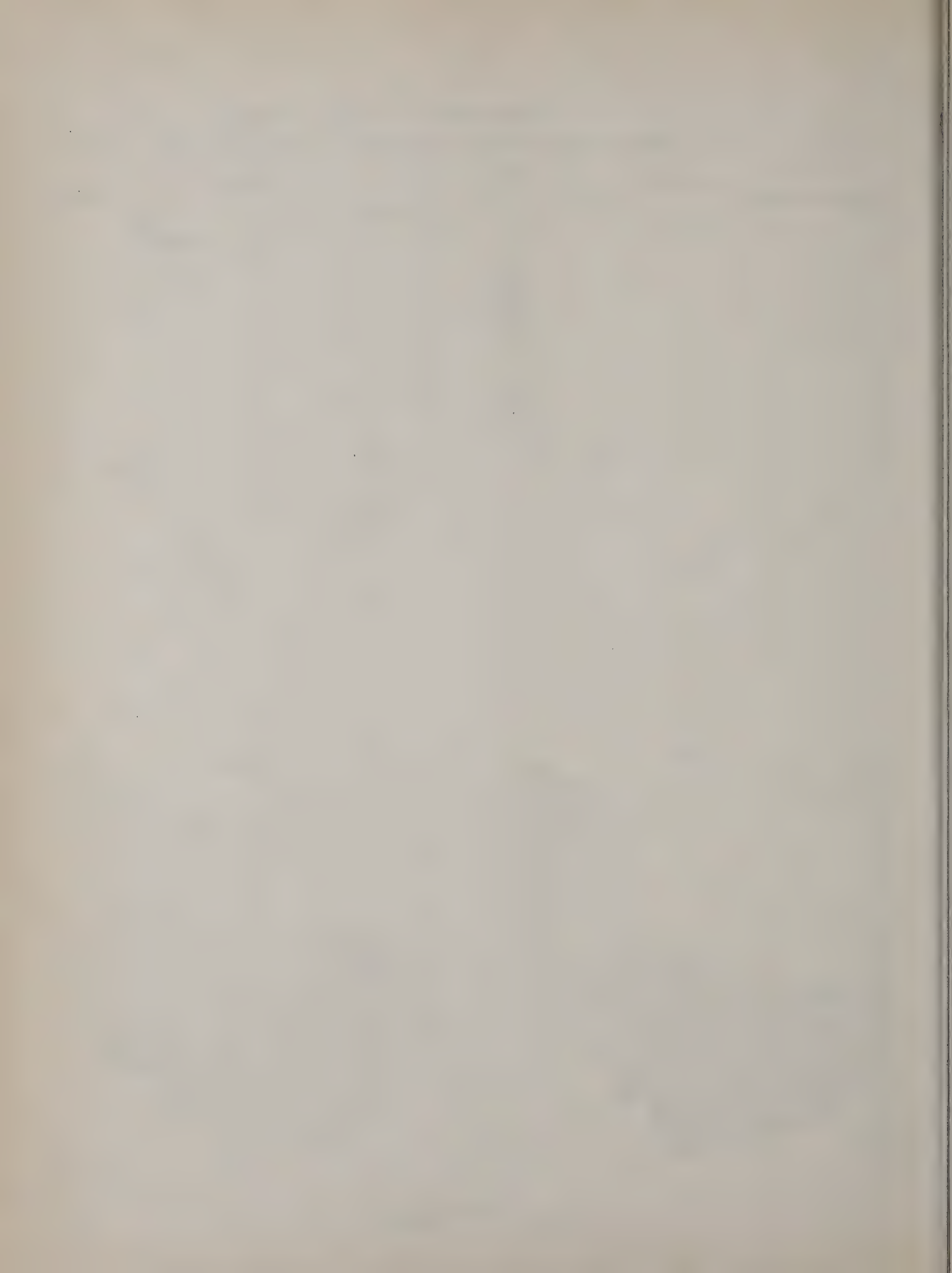


C. 1810



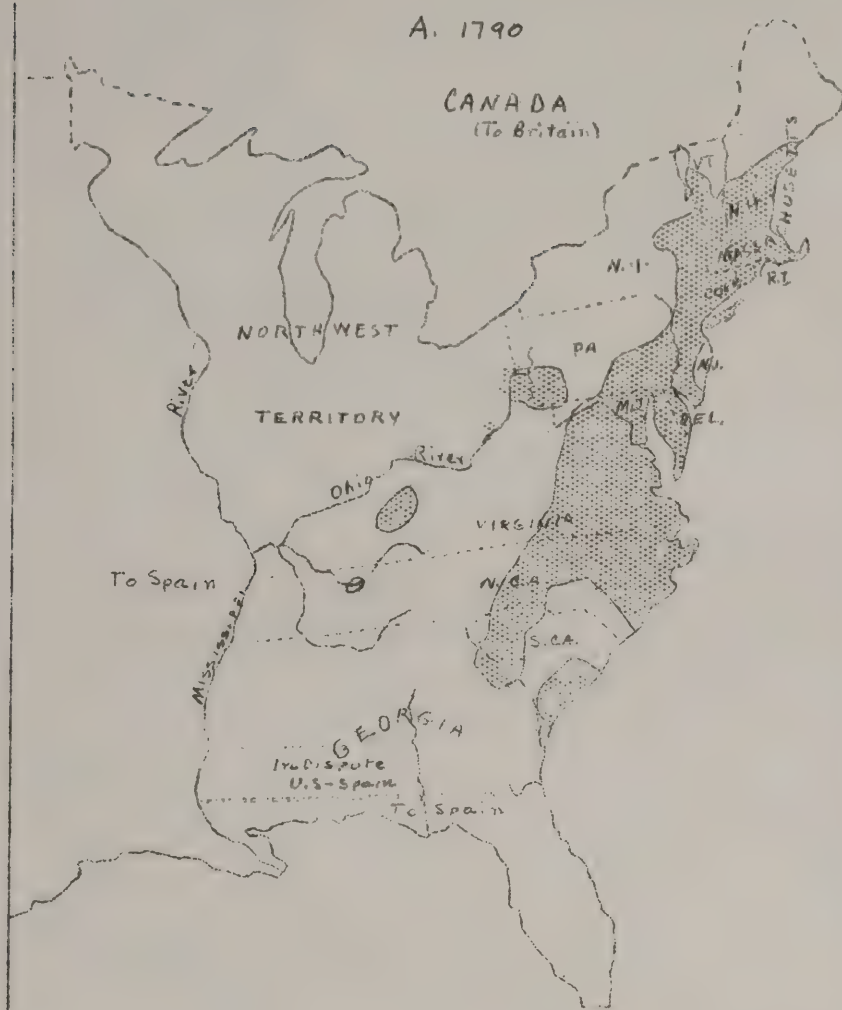
D. 1820



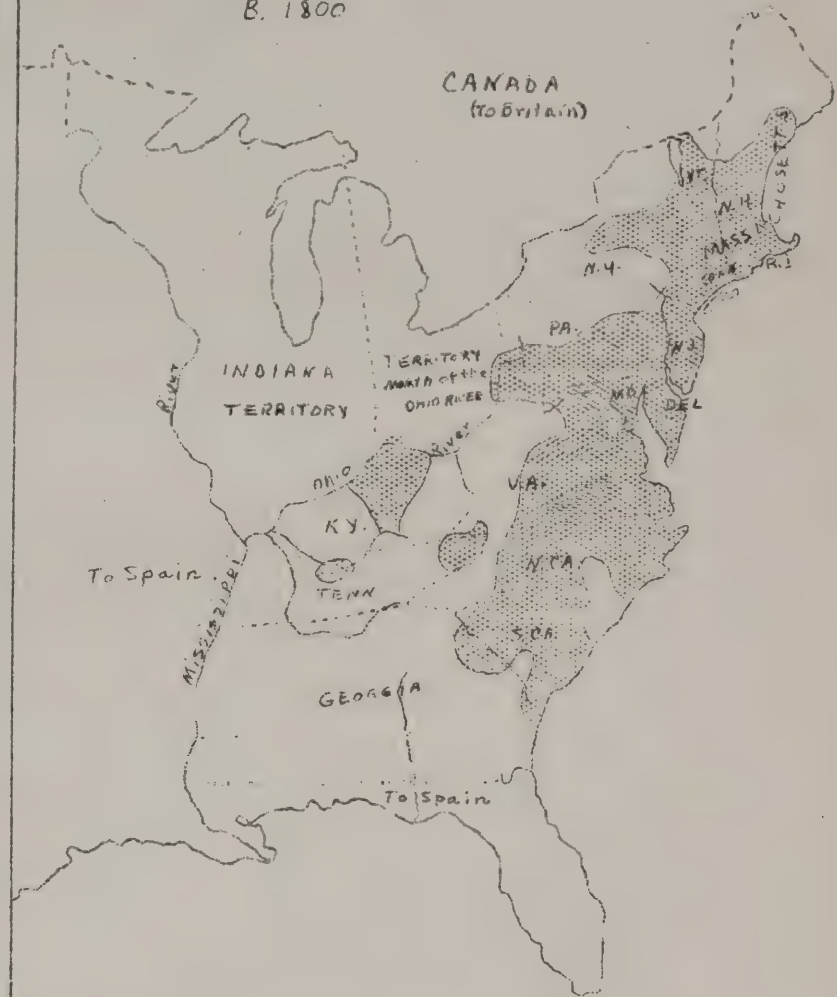


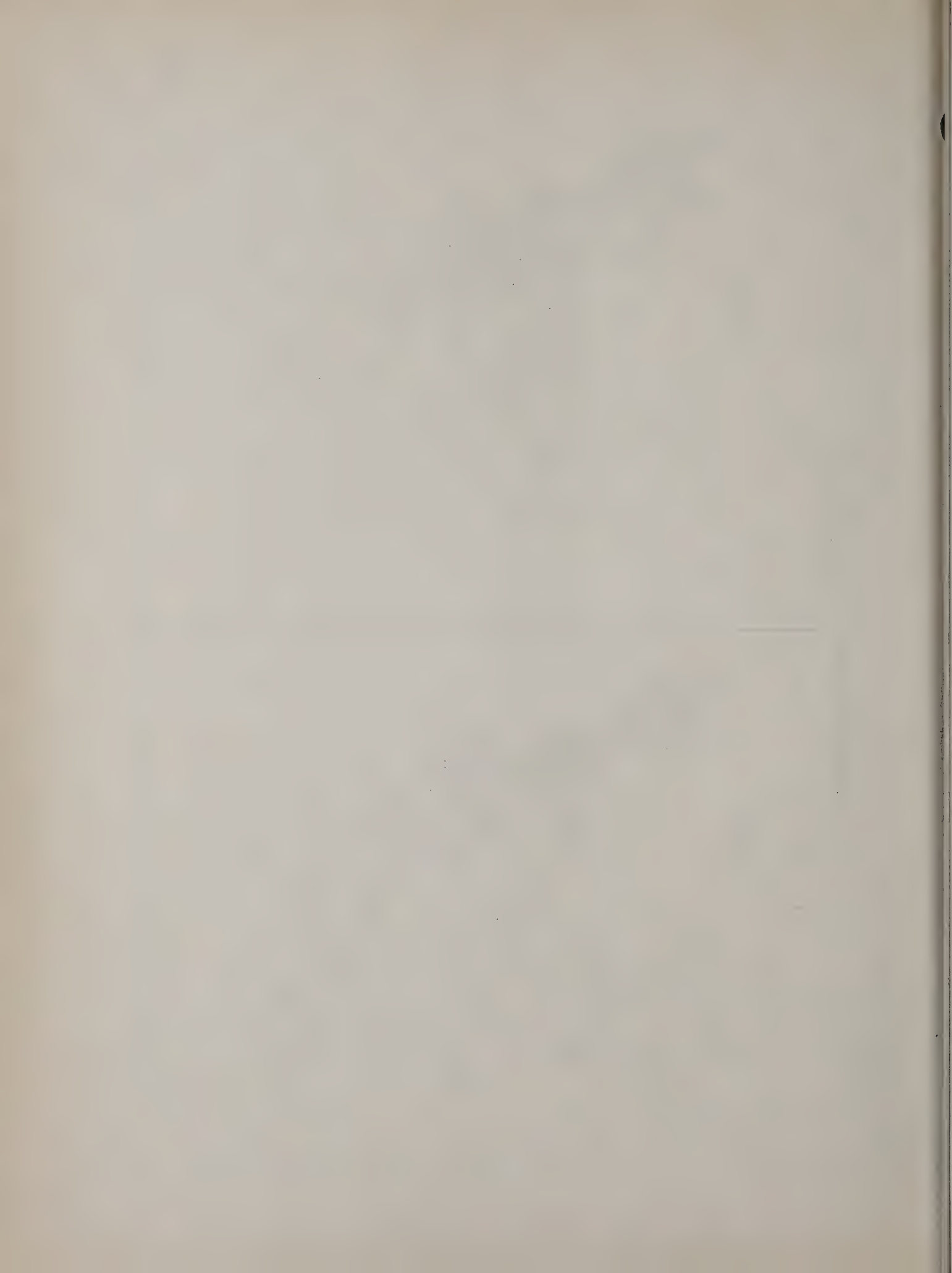
AREAS OF SETTLEMENT, 1790, 1800

A. 1790

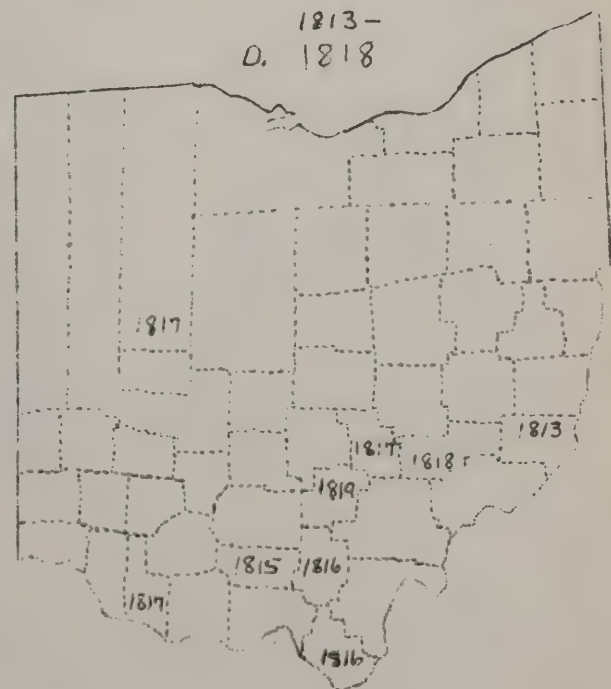
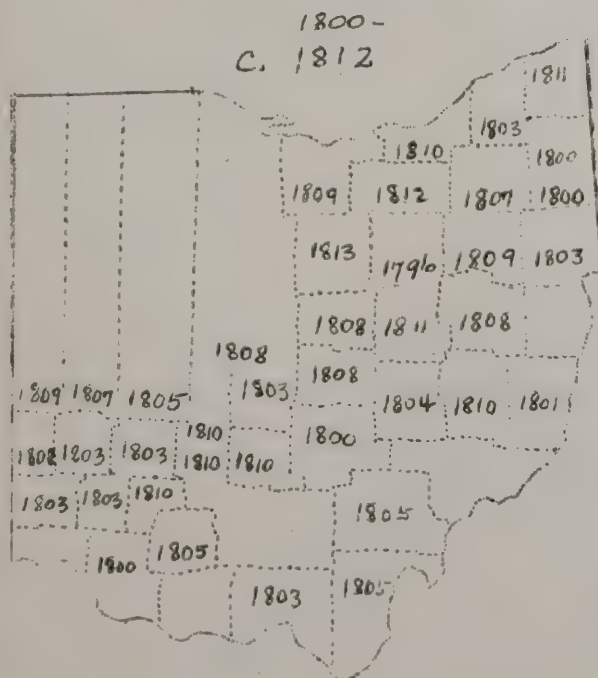
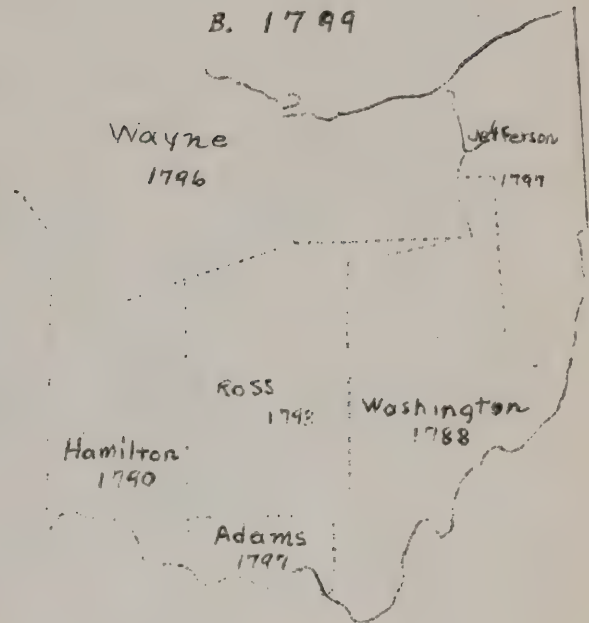
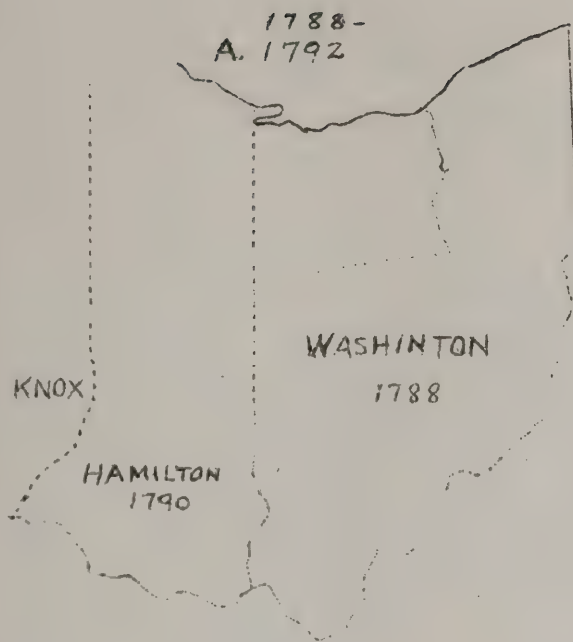


B. 1800



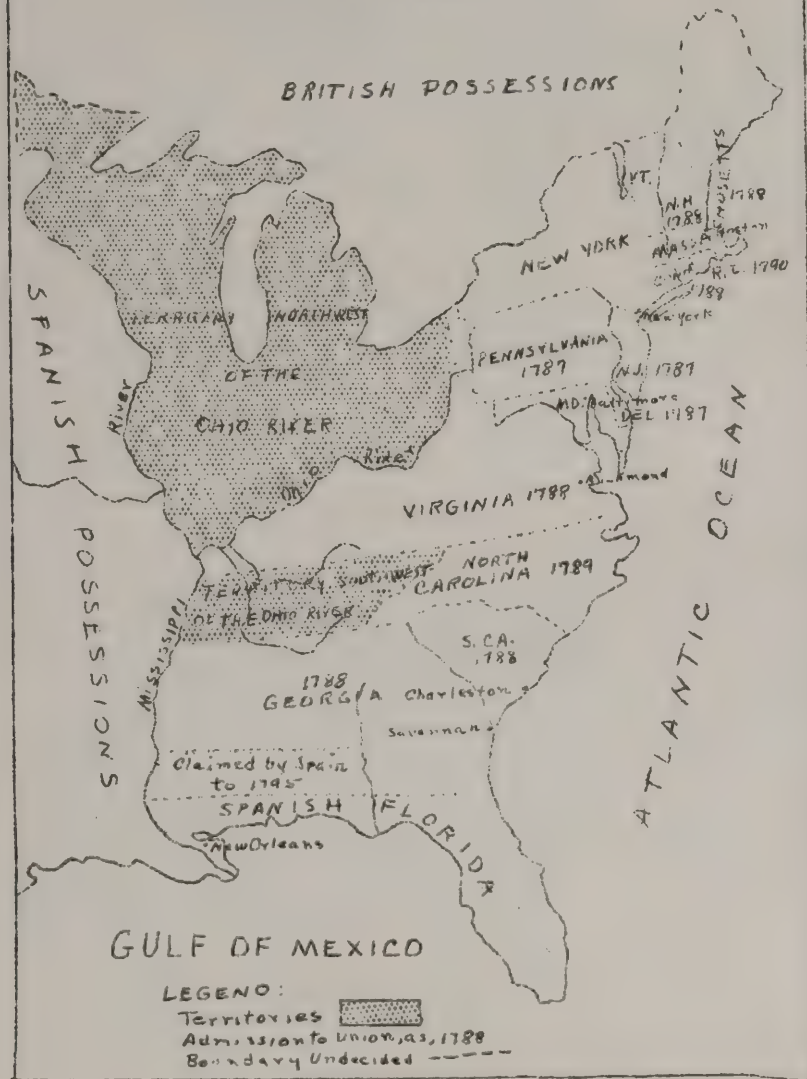


THE CREATION OF COUNTIES, 1783-1818

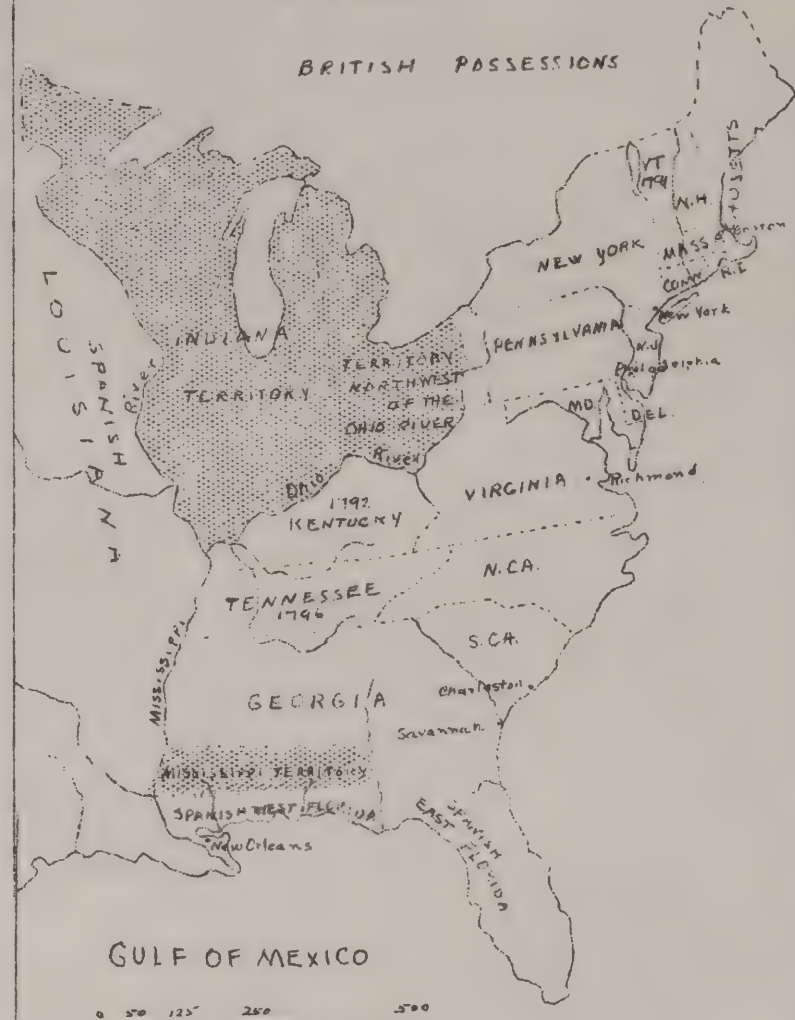


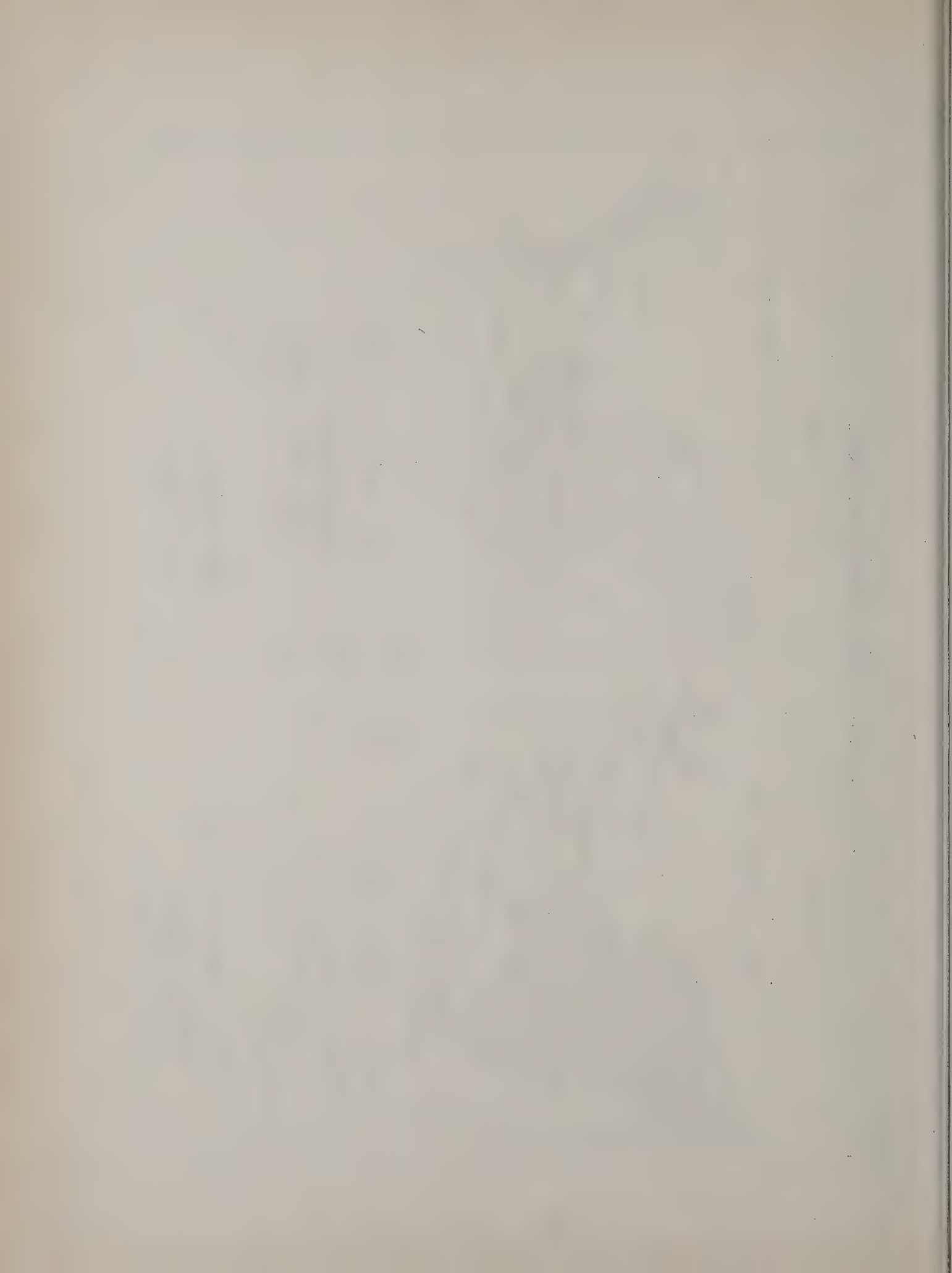
THE UNITED STATES, 1790, 1800: POLITICAL

A. 1790

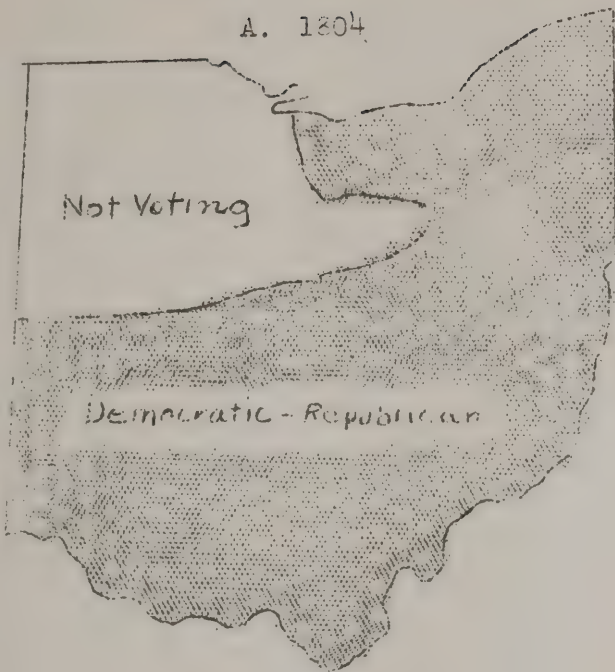


B. 1800

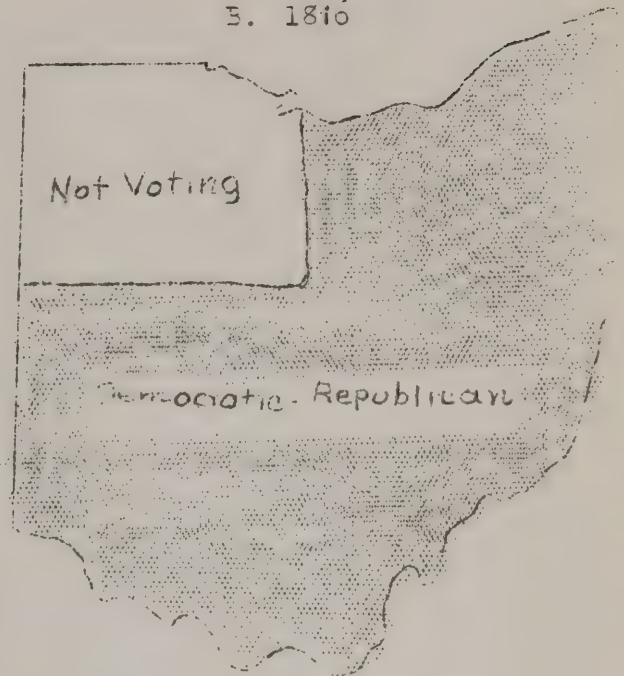




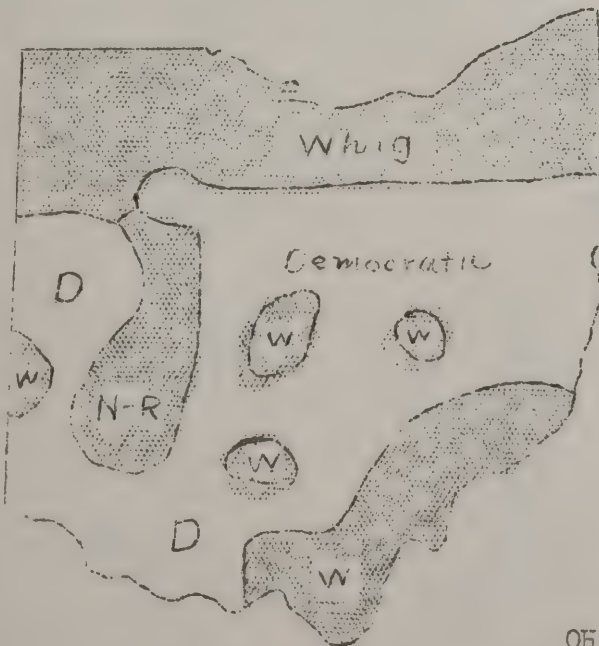
A. 1804



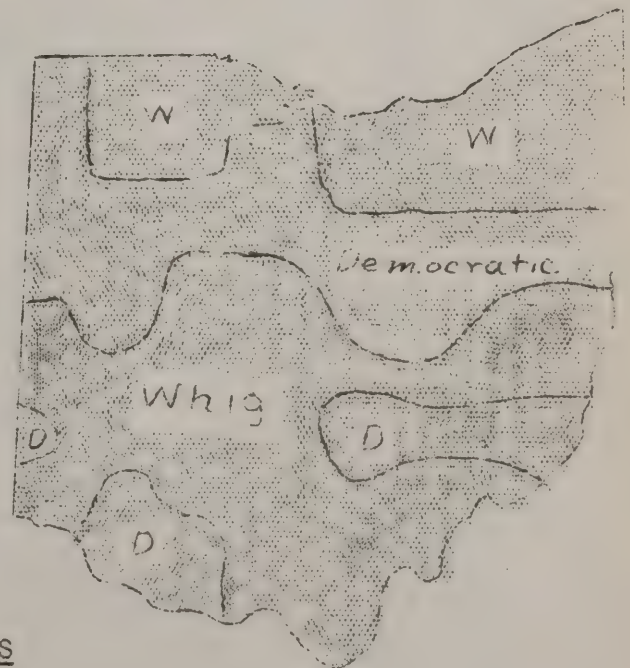
B. 1816



C. 1828



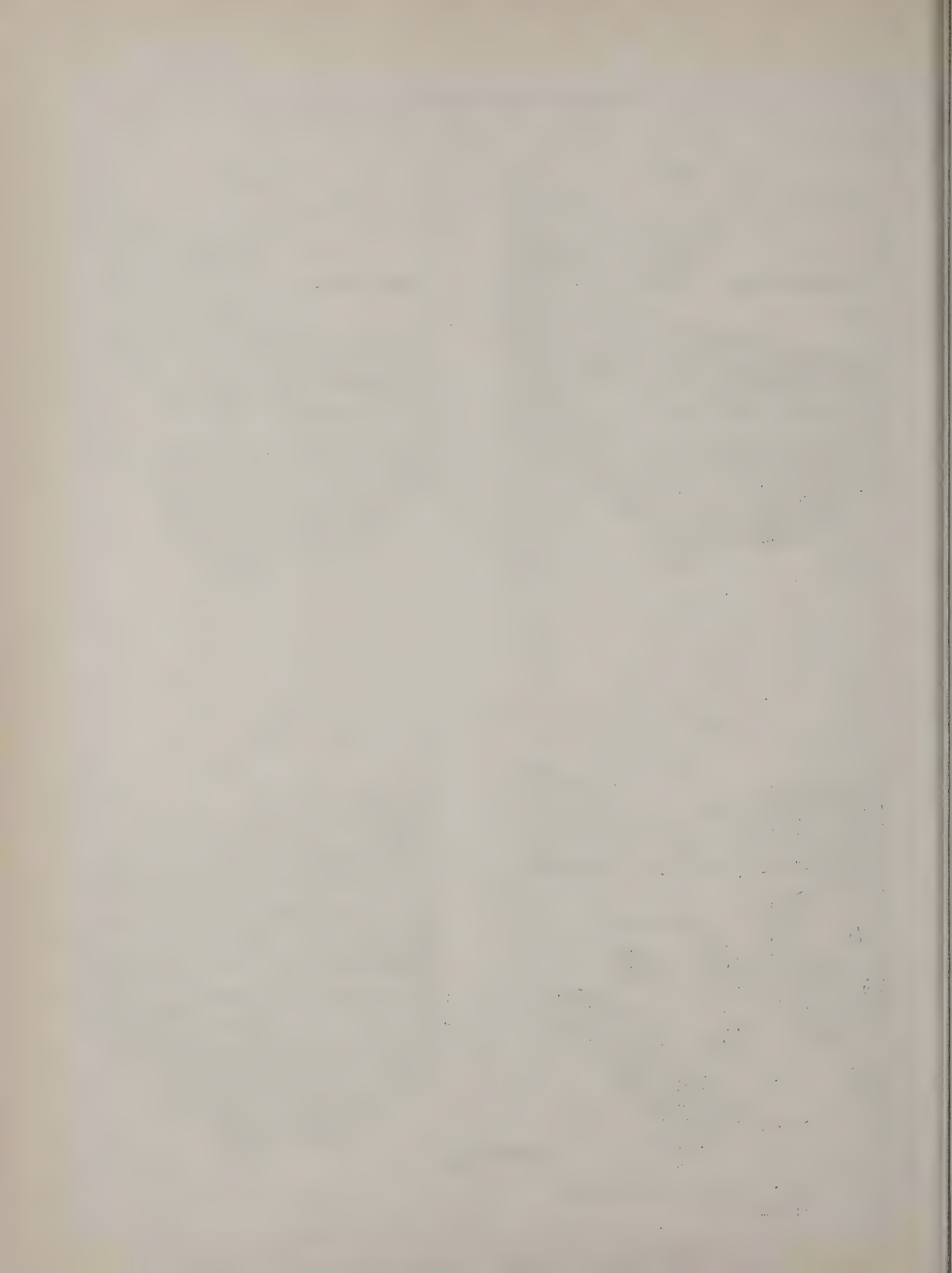
D. 1840



OHIO ATLAS

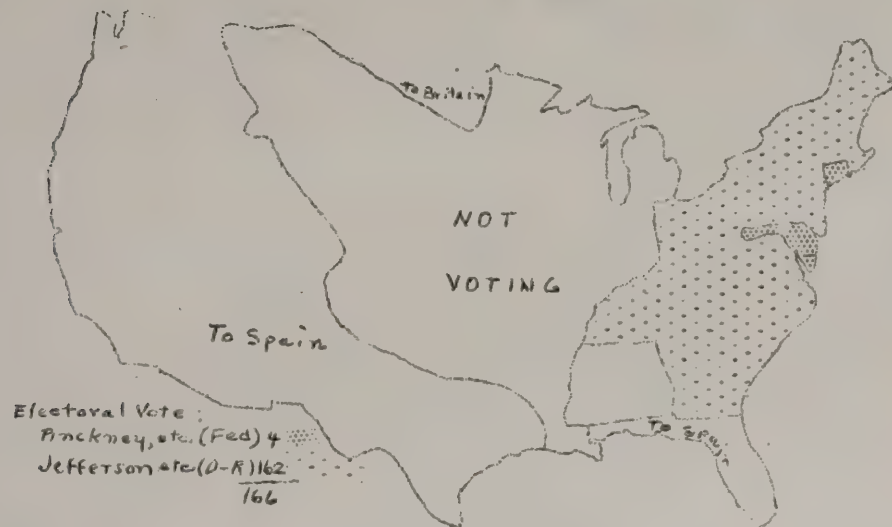
N-R: National Republican
W: Whig

D: Democratic

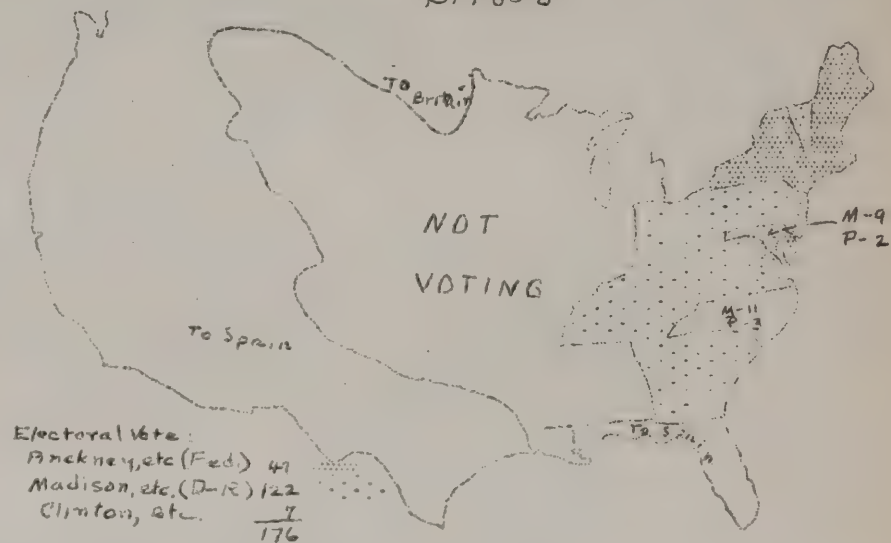


PRESIDENTIAL ELECTIONS, 1804-1812

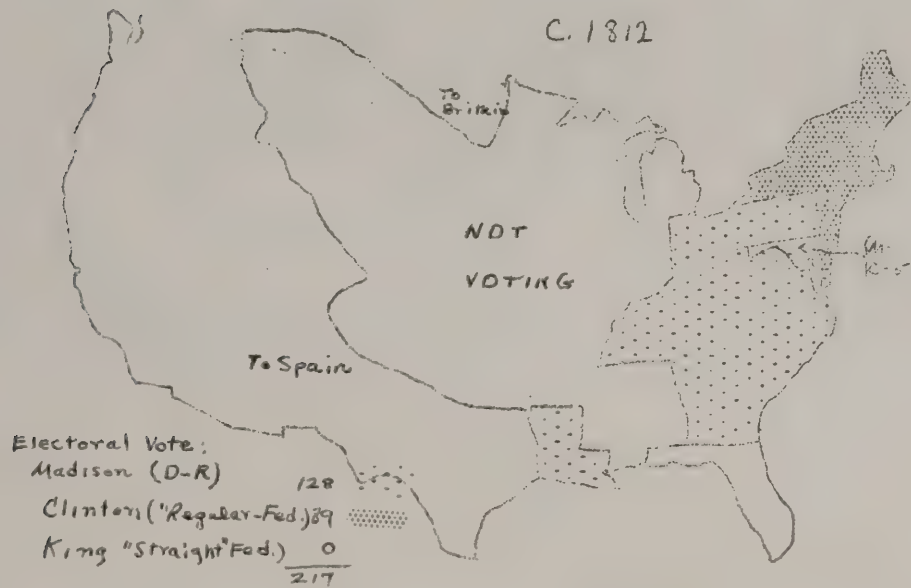
A. 1804



B. 1808



C. 1812

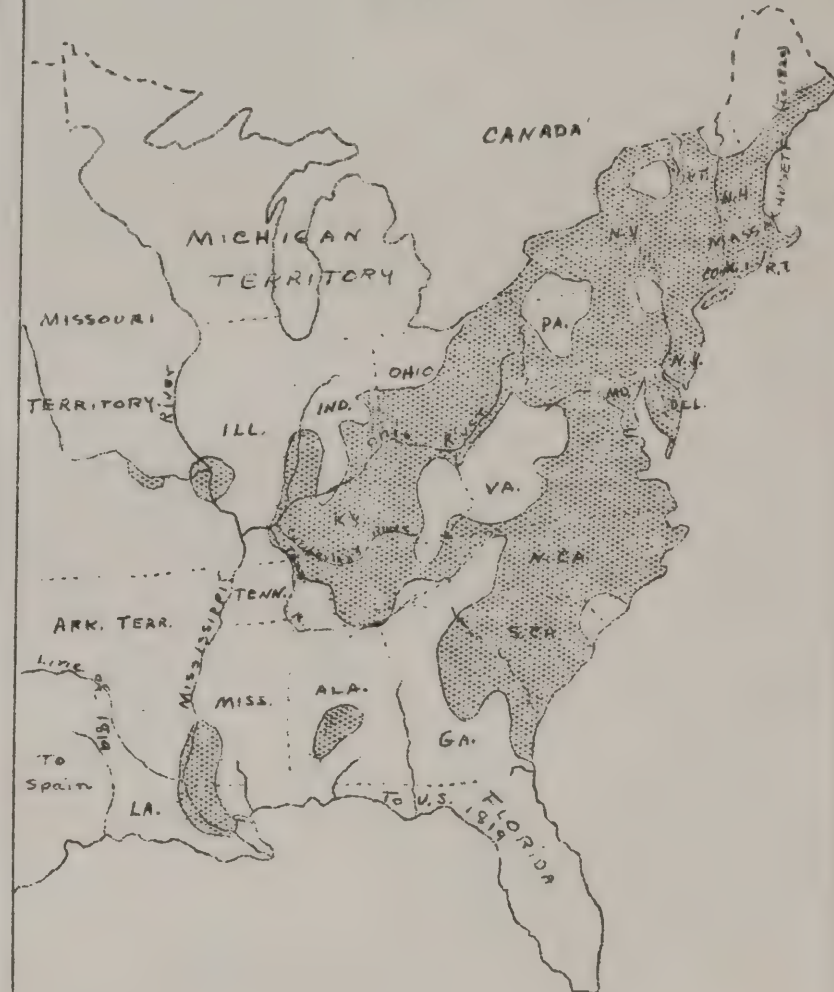


AREAS OF SETTLEMENT, 1810, 1820

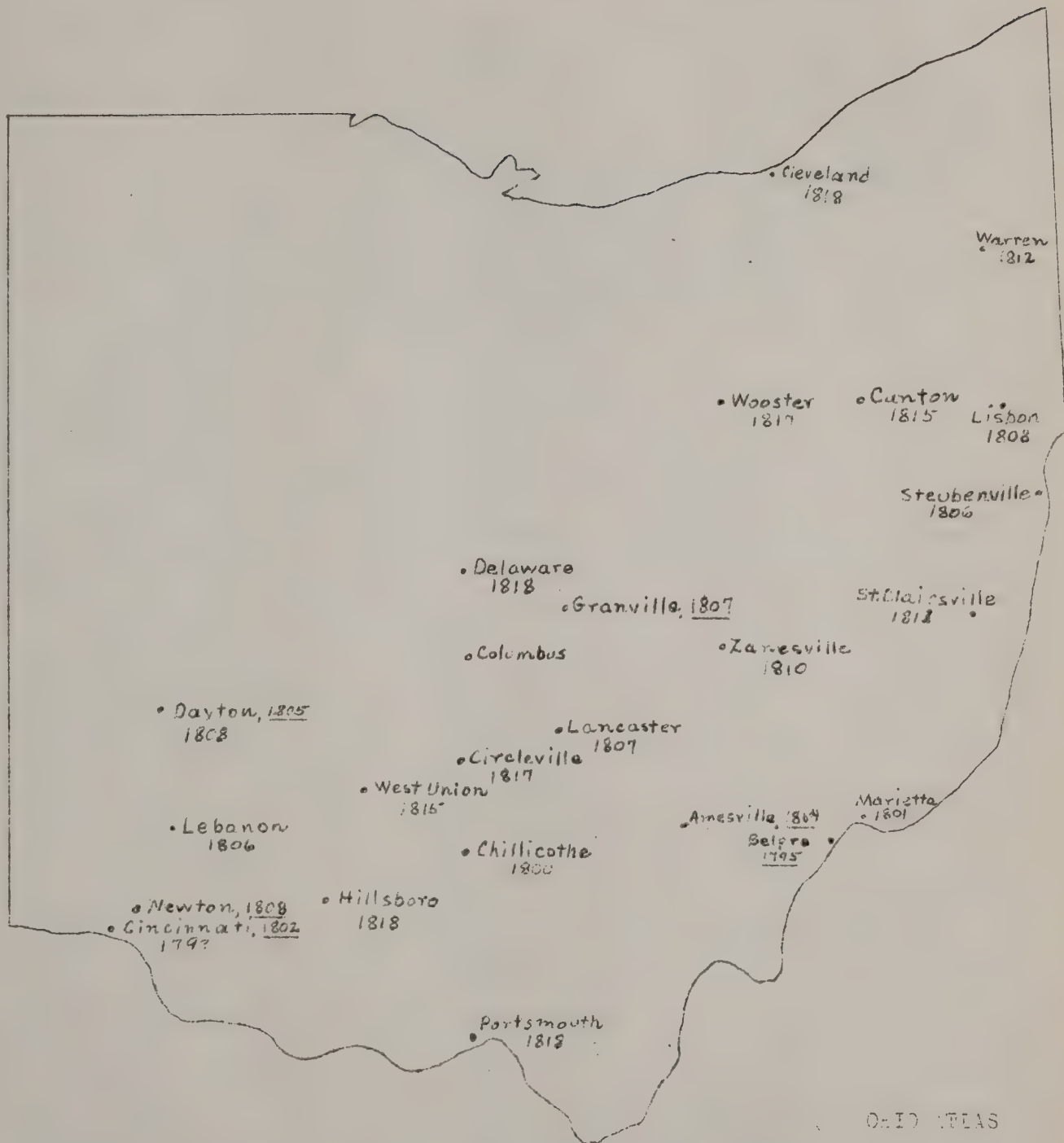
A. 1810



B. 1820



EARLY LIBRARIES; NEWSPAPERS TO 1816



LEGEND: Library, as, Bellevue, 1795
 Newspaper, as, Lebanon
 1806

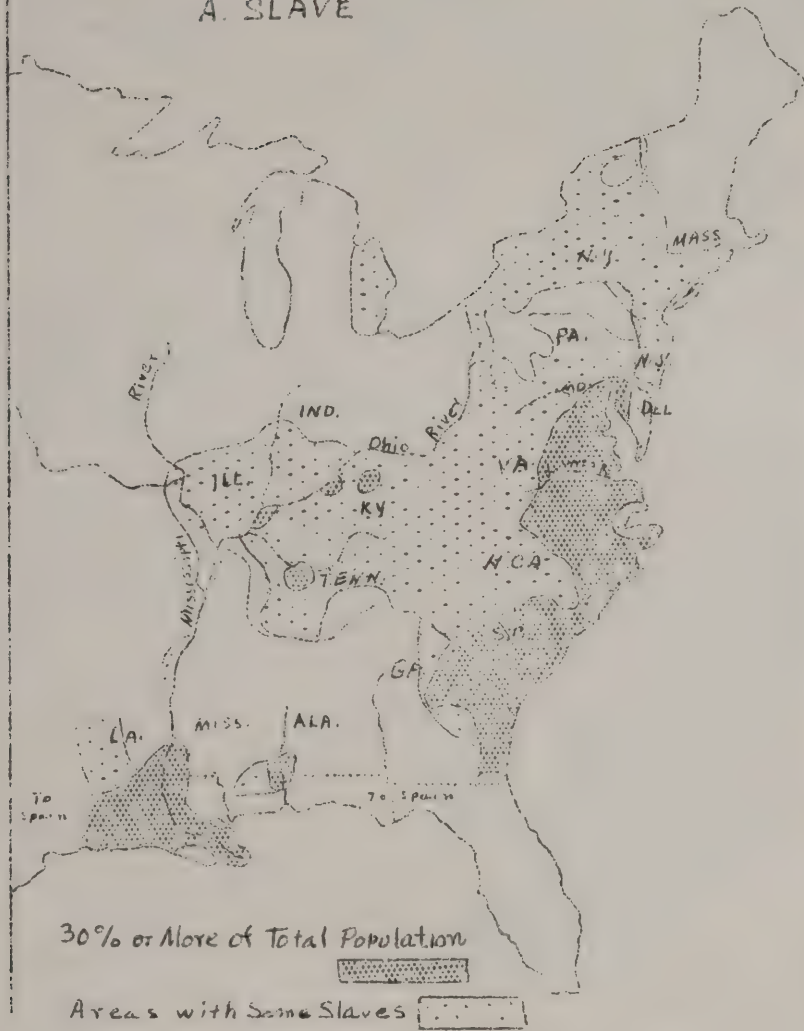


CANADA

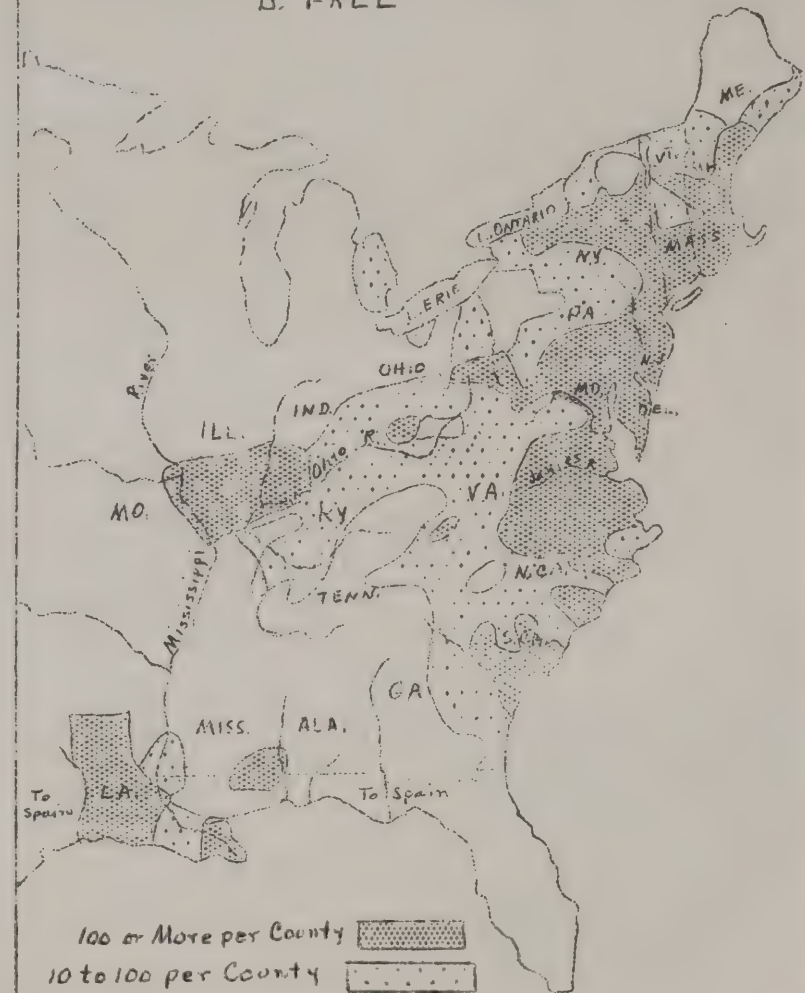


AREAS WITH NEGRO POPULATION, 1810 : FREE, SLAVE

A. SLAVE



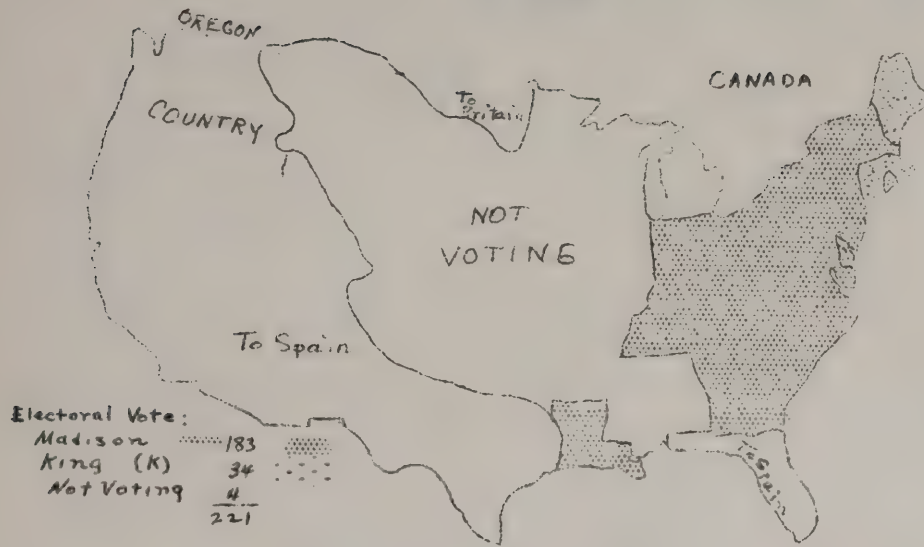
B. FREE





PRESIDENTIAL ELECTIONS, 1816-1828

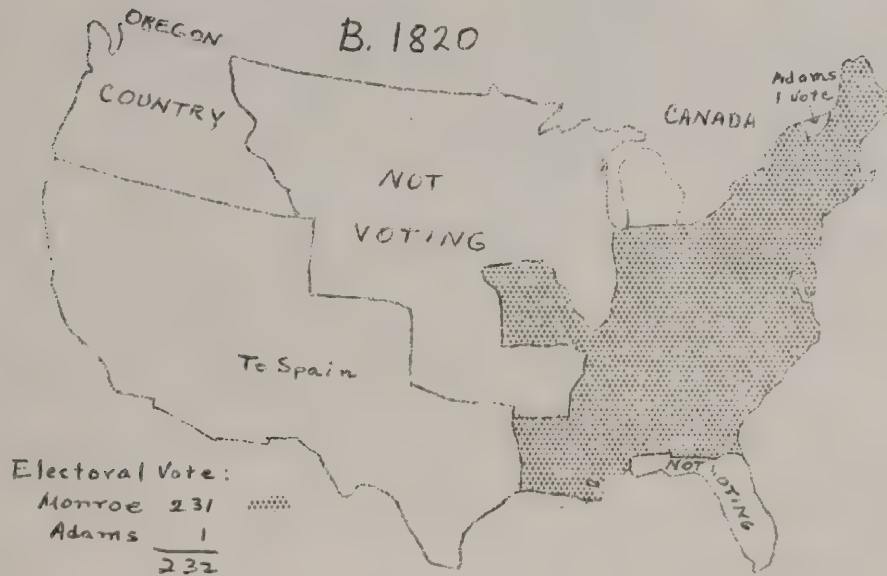
A. 1816



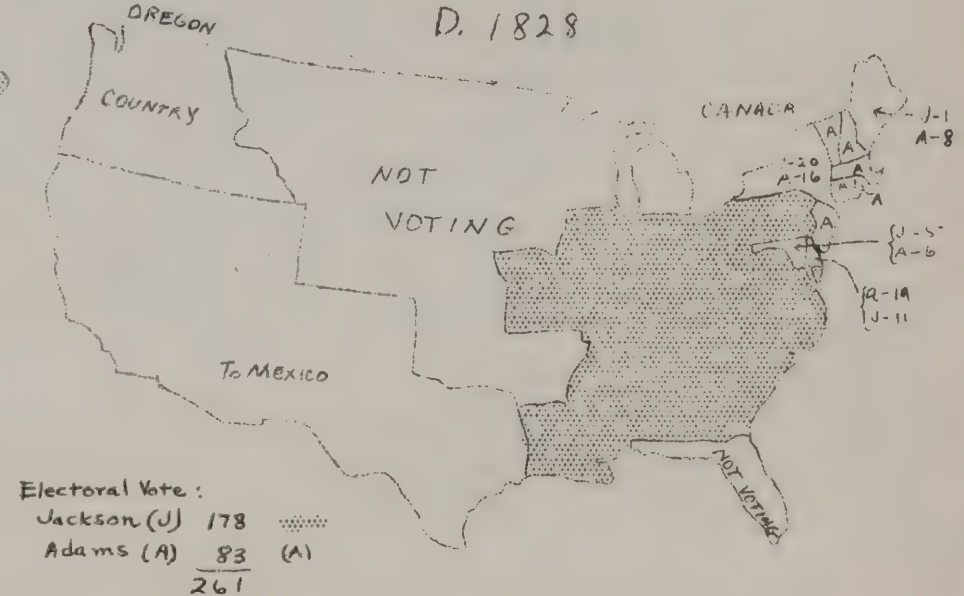
C. 1824



B. 1820

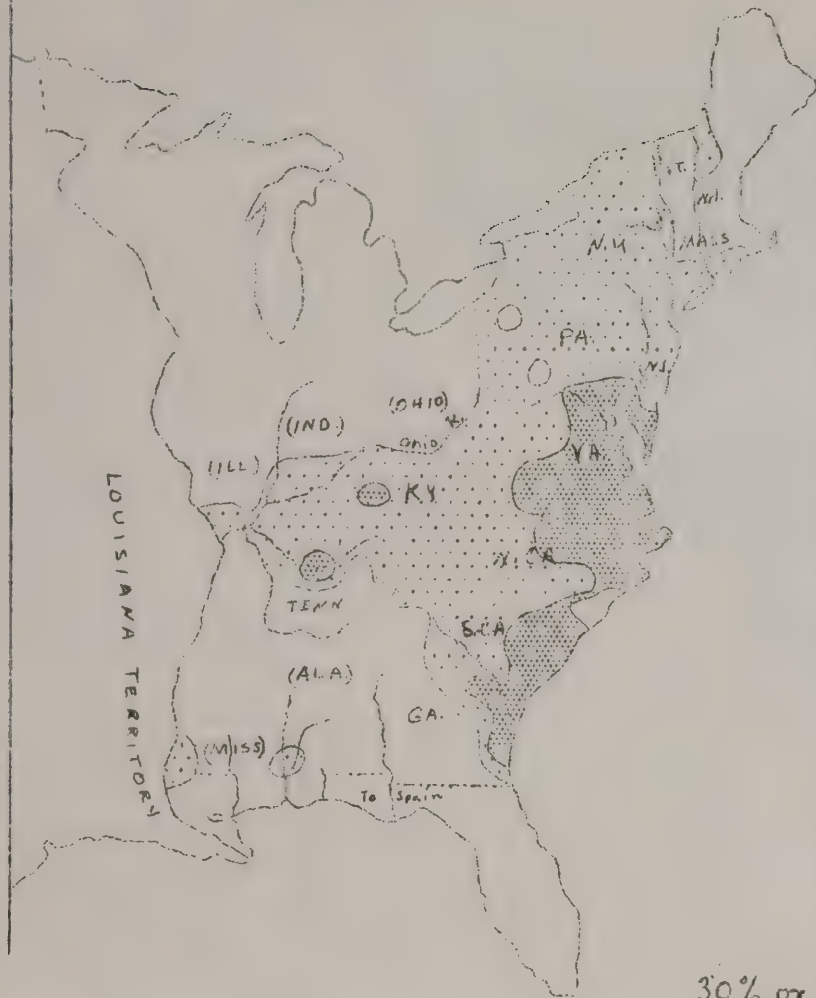


D. 1828

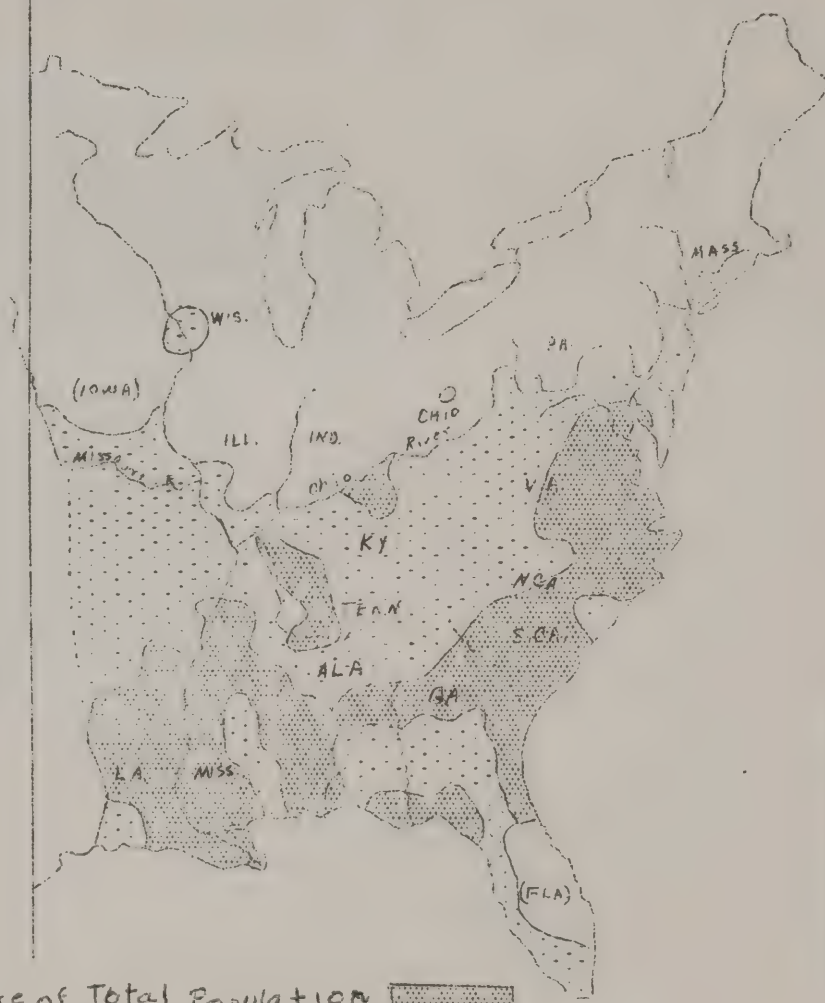


PRINCIPAL AREAS OF SLAVERY: 1800, 1840

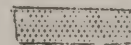
A. 1800



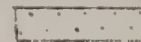
B. 1840

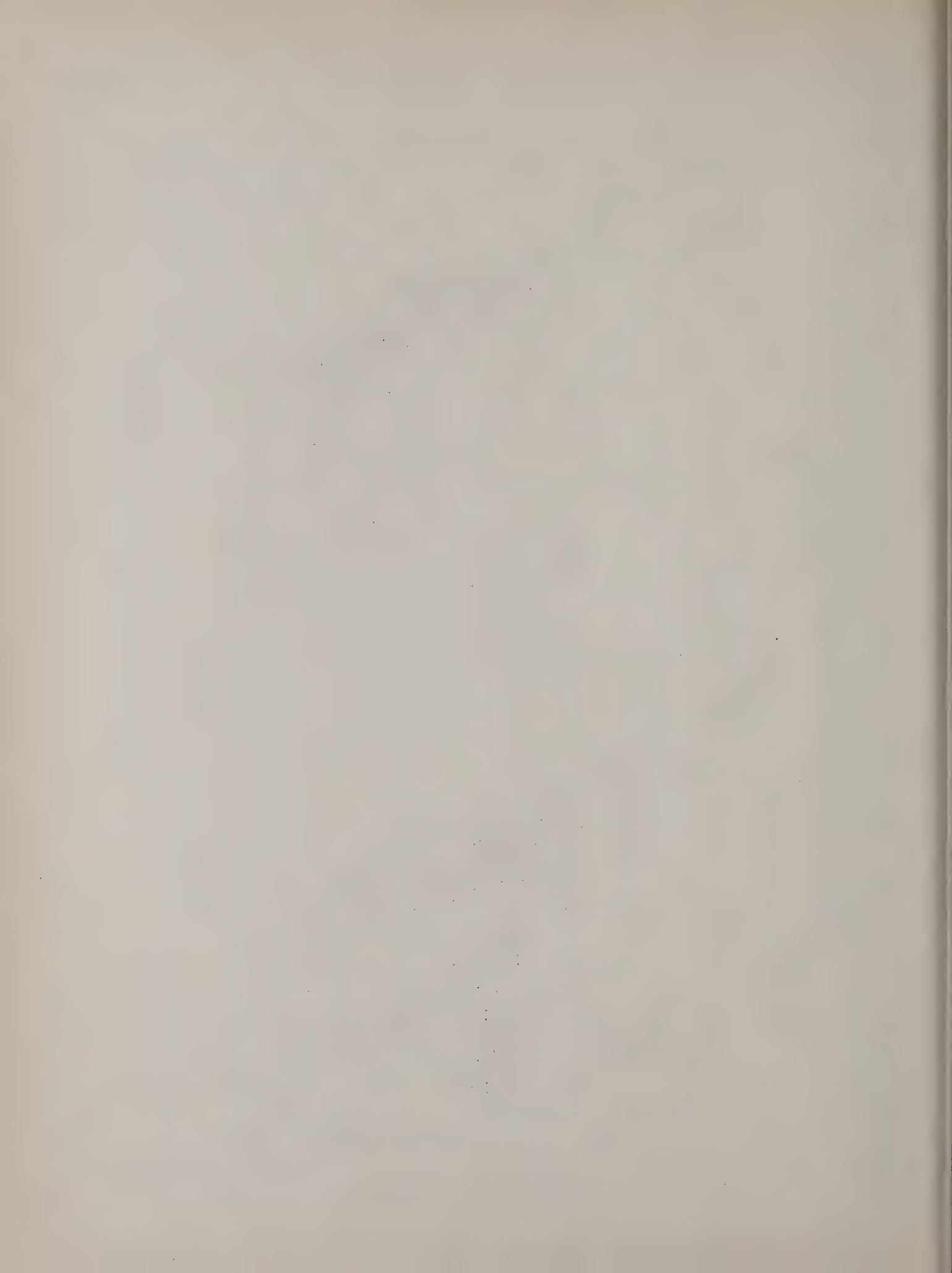


30% or More of Total Population

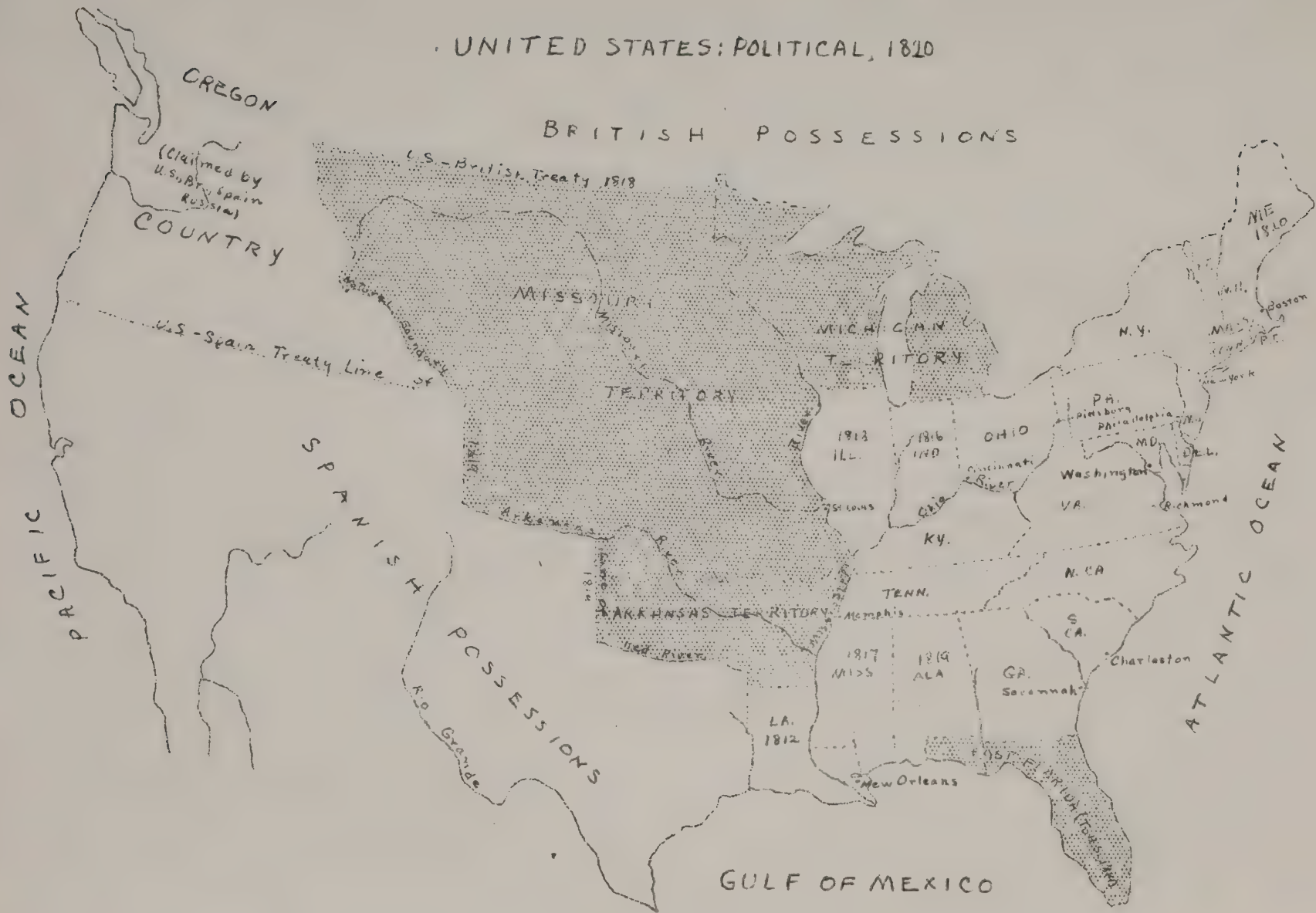


Areas having Some Slaves





UNITED STATES: POLITICAL, 1820





A hand-drawn map of the United States in 1830, titled "UNITED STATES: POLITICAL, 1830". The map shows the following features:

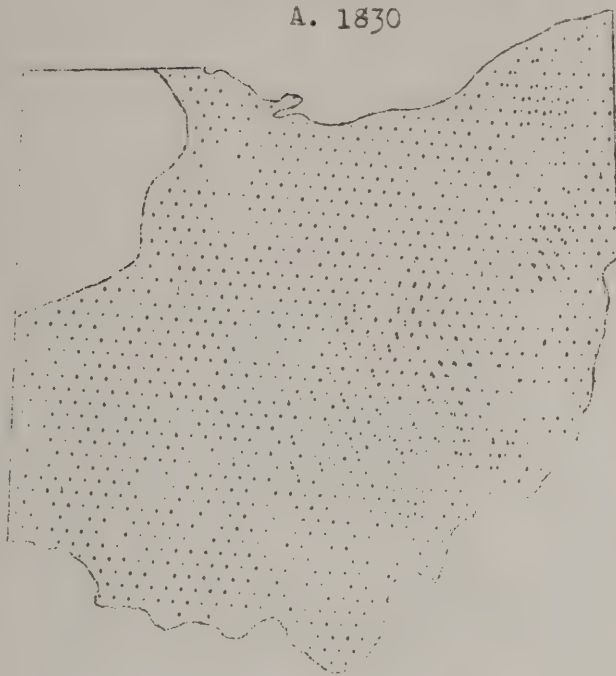
- Geographical Labels:** "PACIFIC OCEAN" on the left, "ATLANTIC OCEAN" on the right, and "GULF OF MEXICO" at the bottom.
- Neighboring Countries:** "CANADA" to the north and "REPUBLIC OF MEXICO (1823)" to the south.
- States and Territories:**
 - States:** OREGON, MICHIGAN, OHIO, PA., MD., DE., VA., N. CA., S. CA., CH., ALA., MISS., LA., and FLORIDA TERRITORY.
 - Territories:** "UNORGANIZED TERRITORY (No Government provided)" in the central-western region, and "FLORIDA TERRITORY" in the southeast.
- Cities and Towns:** St. Louis, St. Louis 1821, New Orleans, Louisville, Nashville, Memphis, Richmond, Philadelphia, and Boston.
- Other Labels:** "BRITISH POSSESSIONS" in the north, "COUNTRY" in the northwest, "Line of 1819 U.S. - Spain" in the southwest, and "Arkansas River" and "Mississippi River" in the central region.
- Shading:** The "UNORGANIZED TERRITORY" and "FLORIDA TERRITORY" are shaded with a stippled pattern.



AREAS OF POPULATION 1830-1860

Area with more than two Persons per square Mile

A. 1830

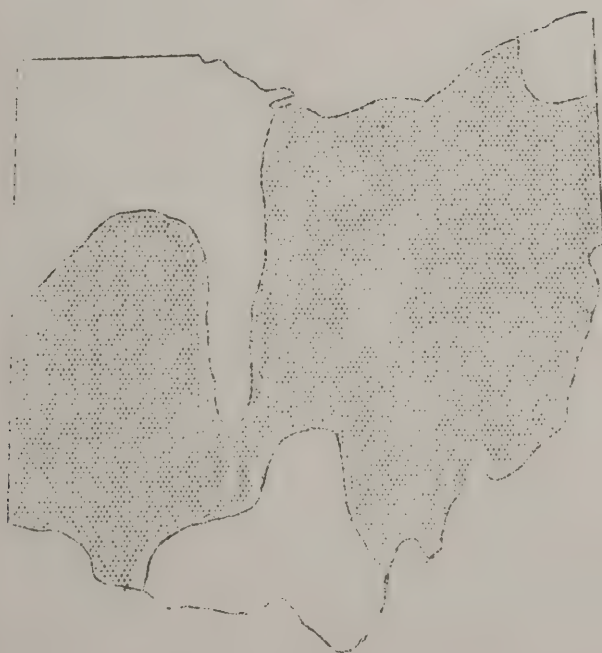


B. 1840

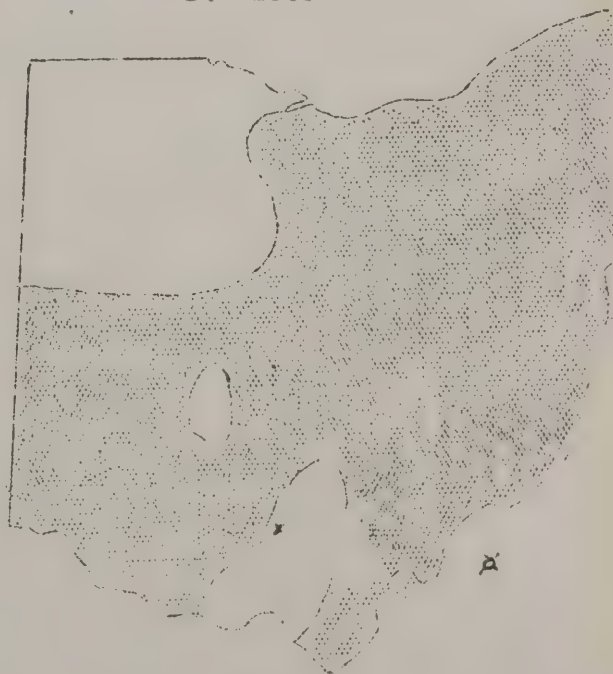


Area with more than 45 Persons per square Mile

C. 1850



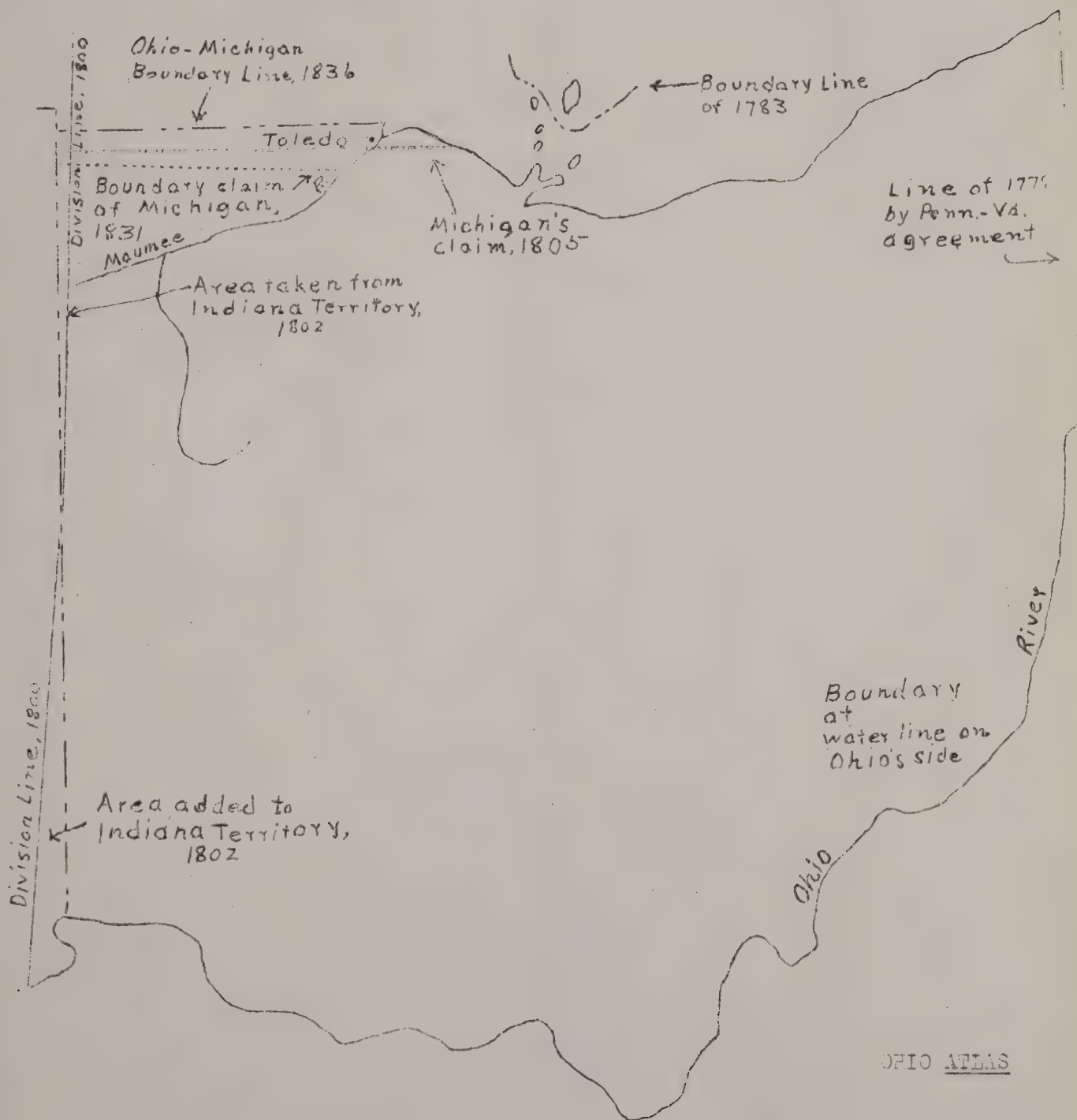
D. 1860

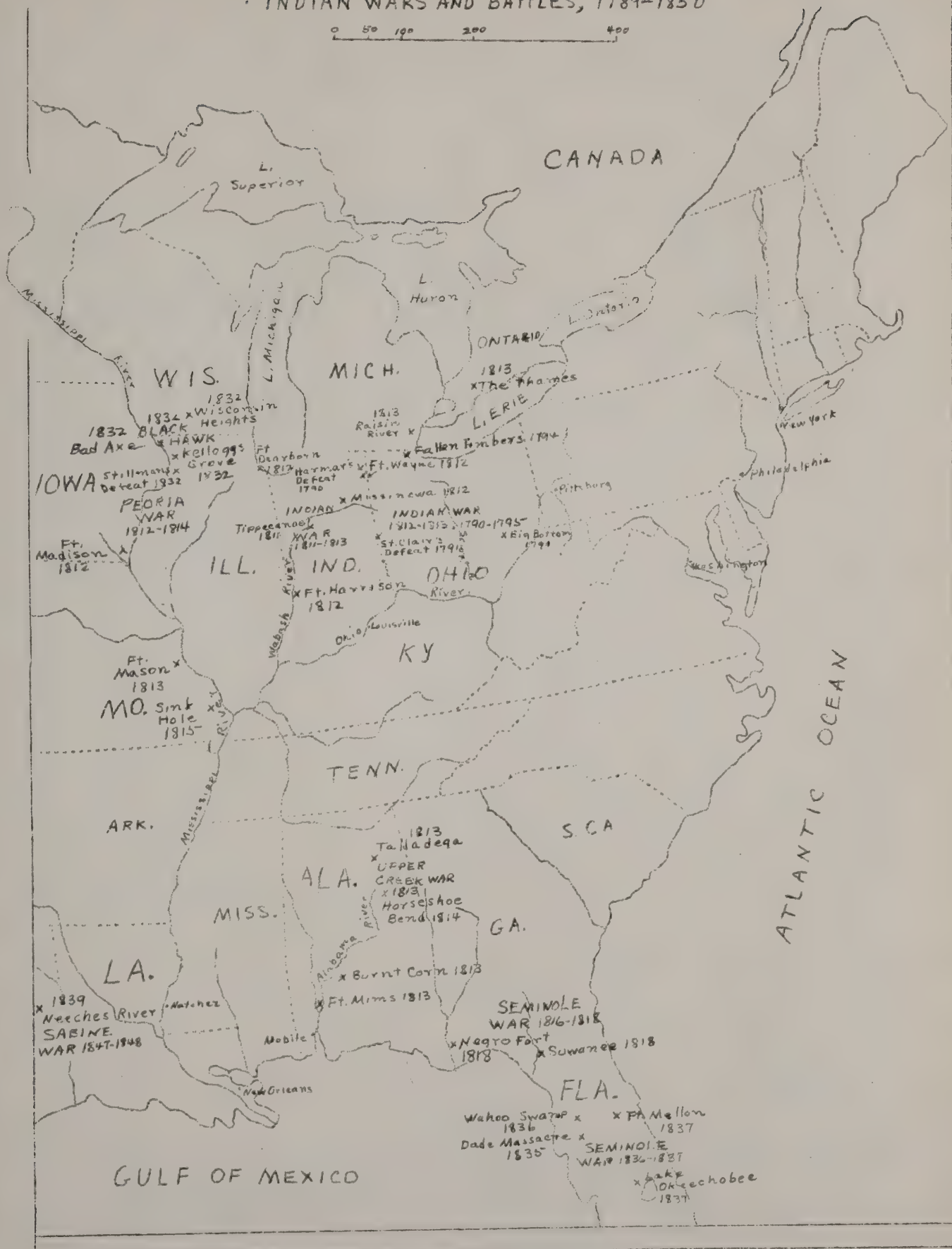


U. S. Center of Population
1850 * 1860 *

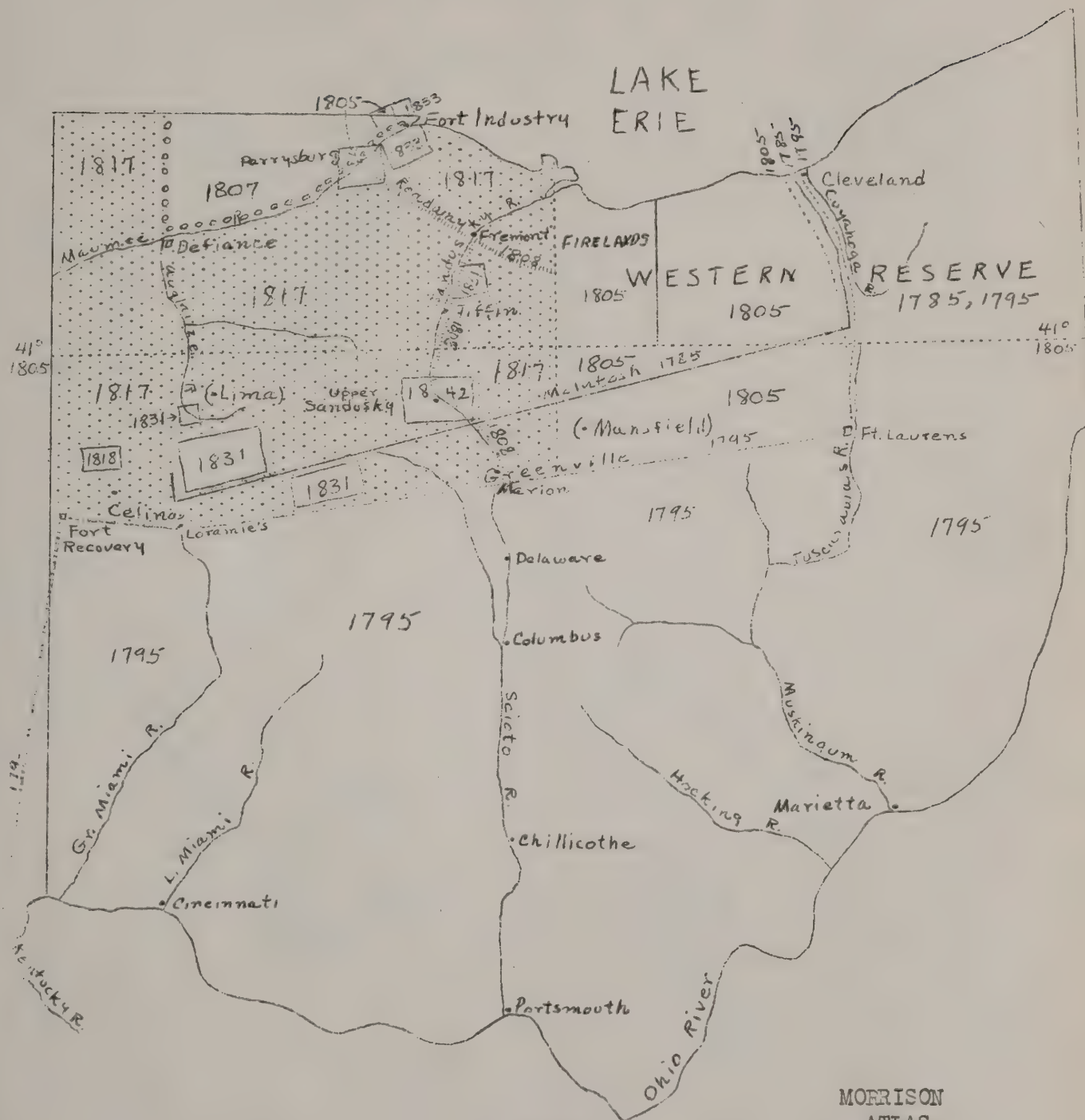


ESTABLISHMENT OF STATE BOUNDARY LINES FOR OHIO, 1779-1836





CESSIONS OF INDIAN LANDS, 1785-1842



MORRISON
ATLAS

LEGEND

Treaties of:

Fort McIntosh, 1785
Greenville, 1795
Fort Industry, 1805
Detroit, 1807

Brownstown, (Mich.), 1808: Roads, etc.
Maumee, 1817
Various, as,

1831

941309

CESSIONS OF INDIAN LANDS

1783-1850

(On whole U.S. Base)

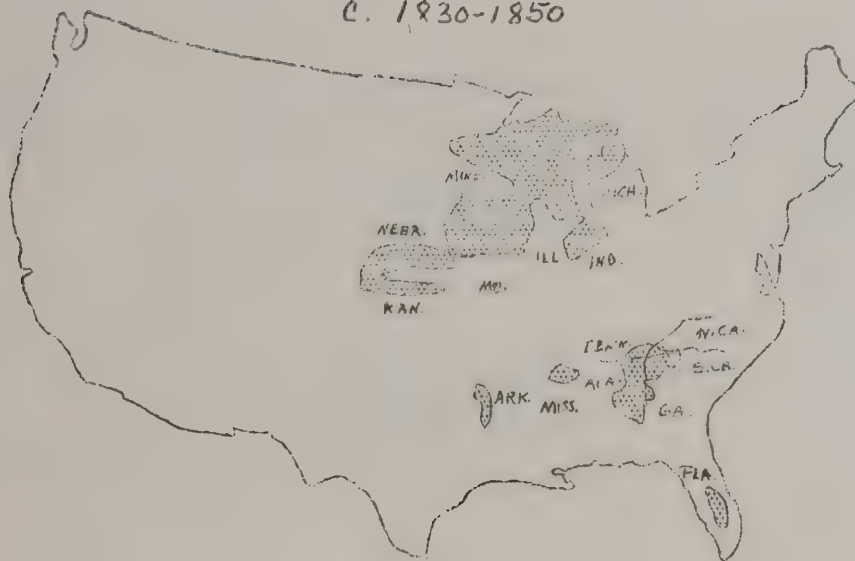
A. 1783-1810



B. 1810-1830

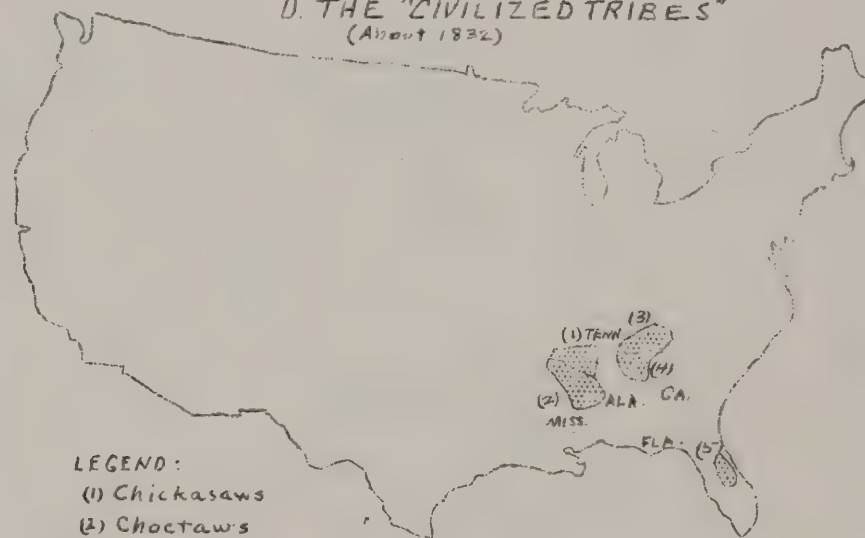


C. 1830-1850



D. THE "CIVILIZED TRIBES"

(About 1832)

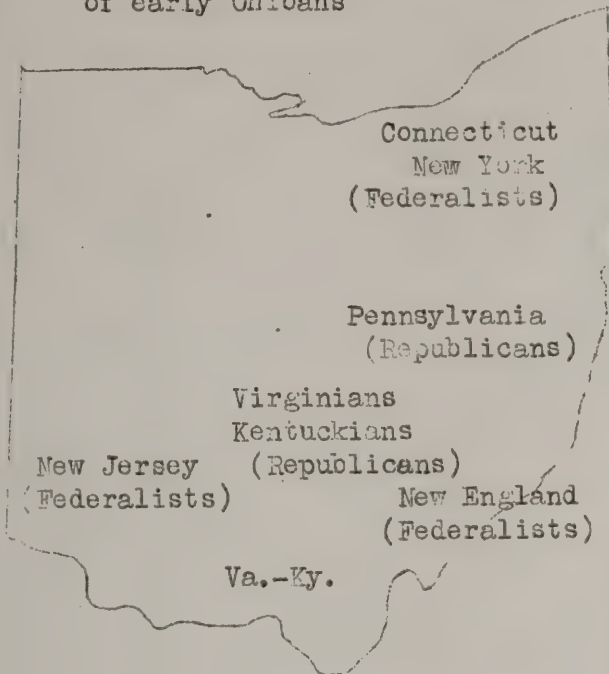


LEGEND:

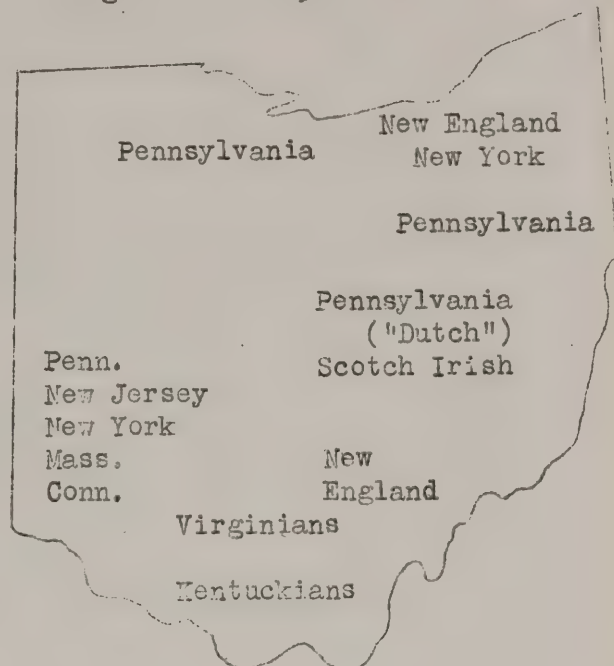
- (1) Chickasaws
- (2) Choctaws
- (3) Cherokees
- (4) Creeks
- (5) Seminoles

ORIGIN OF OHIOANS BY STATE AND NATION TO 1850

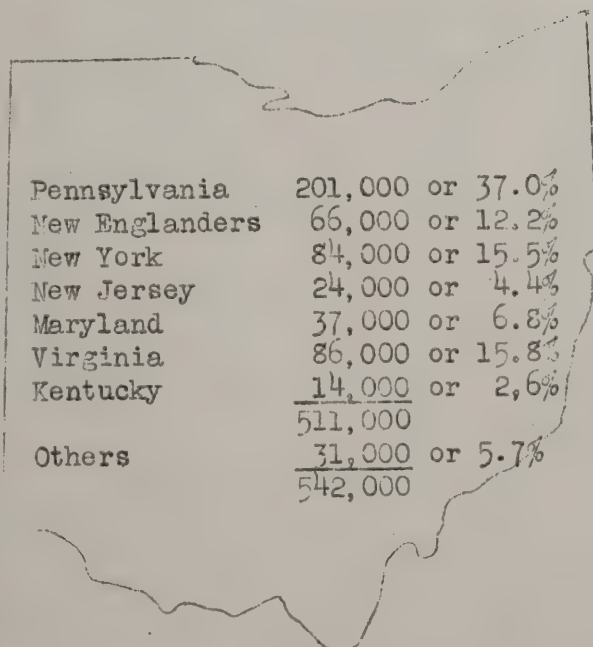
A. State of origin and Political Party of early Ohioans



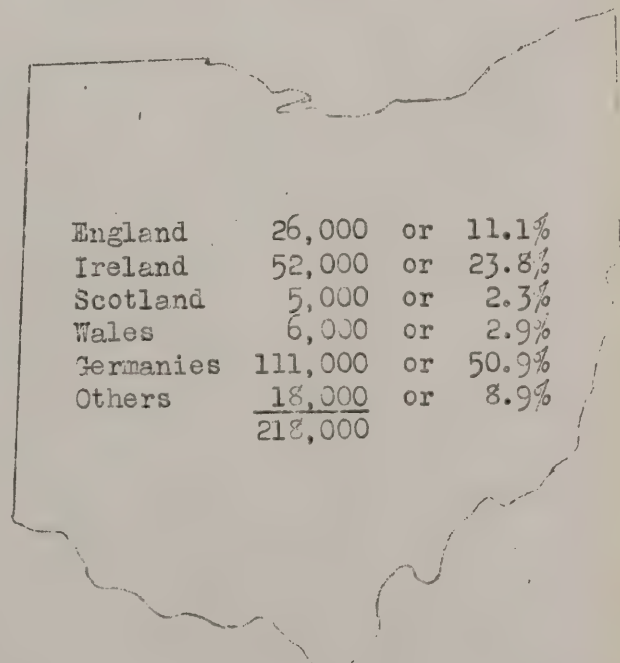
B. Population Elements by State of origin about 1830



C. State of Origin of non-native Americans in Ohio, 1850



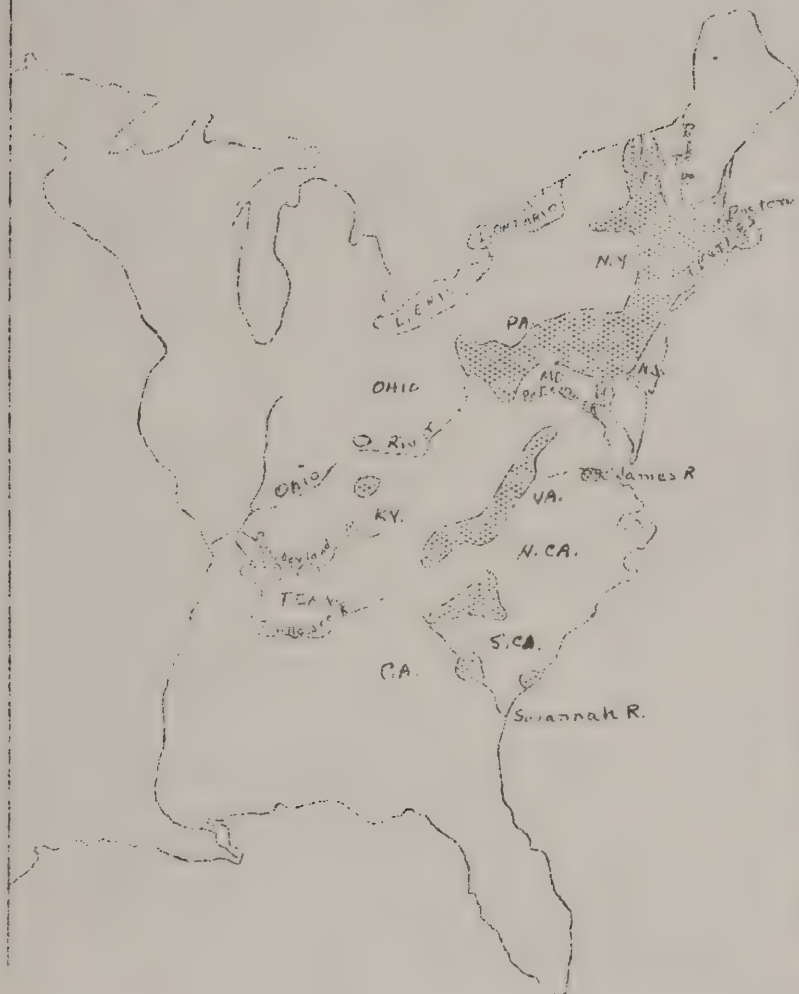
D. Foreign-Born Population in Ohio by Nation of Origin, 1850



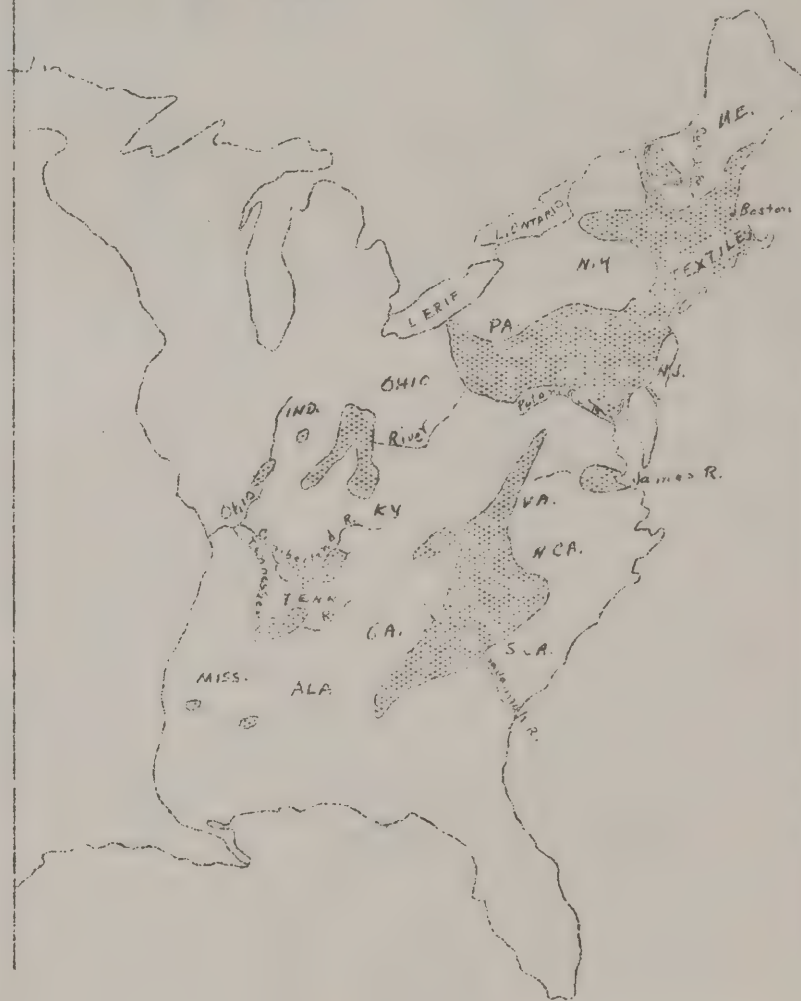


AREAS OF MANUFACTURING (Commercial): 1810, 1840 (Iron, Textiles)

A. 1810

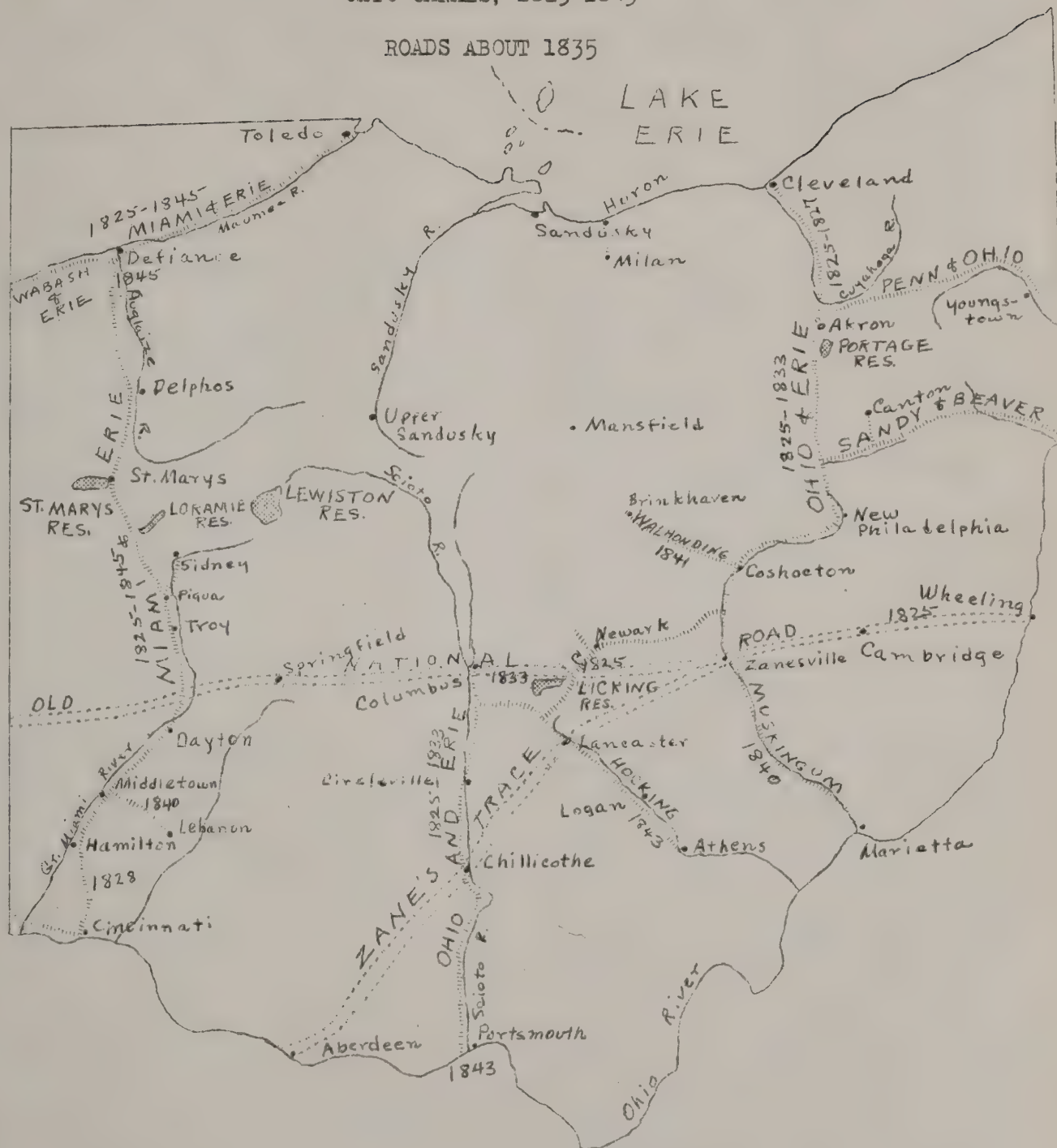


B. 1840




OHIO CANALS, 1825-1845

ROADS ABOUT 1835



Canals

Reservoirs 

Roads

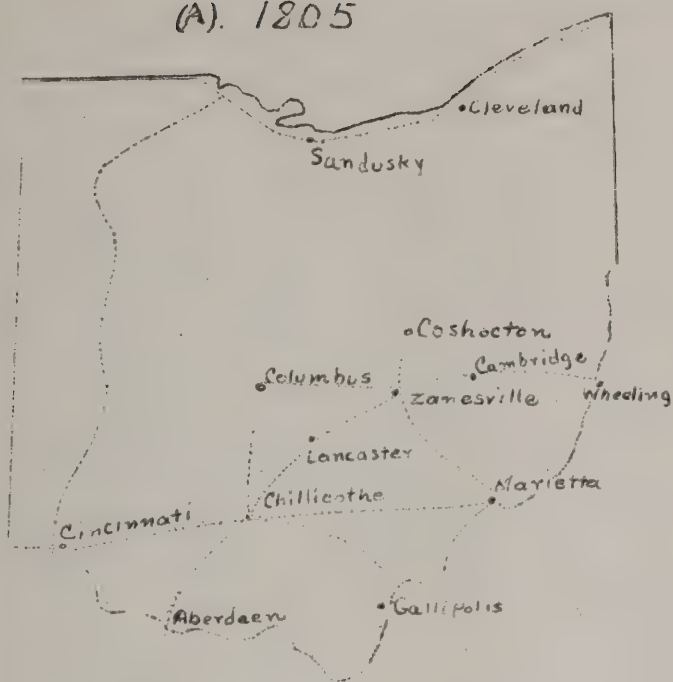
OHIO ATLAS



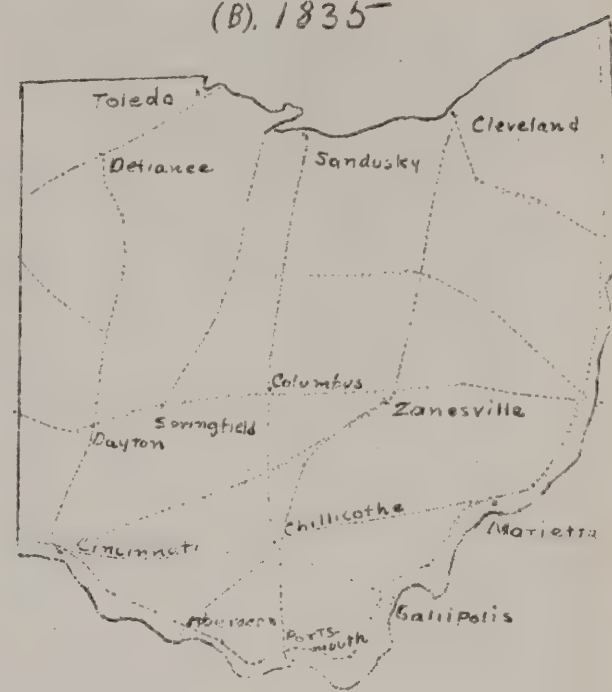
POST ROADS AND RAILROADS, 1805-1850

A. POST ROADS, 1805-1835

(A). 1805

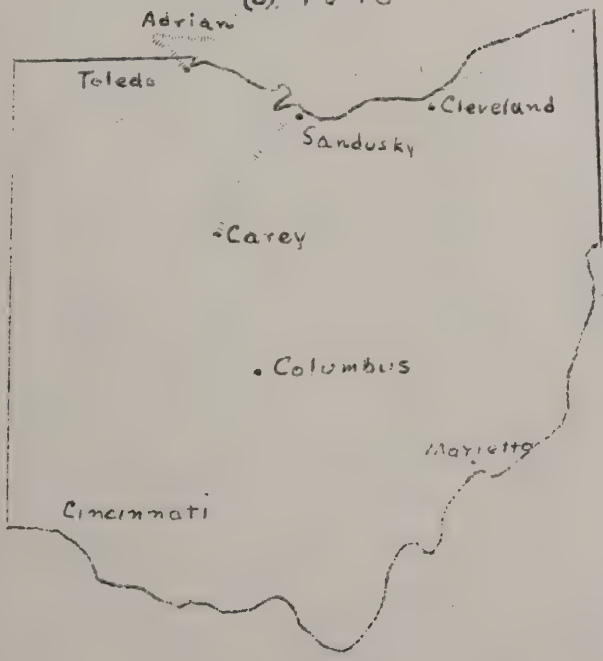


(B). 1835

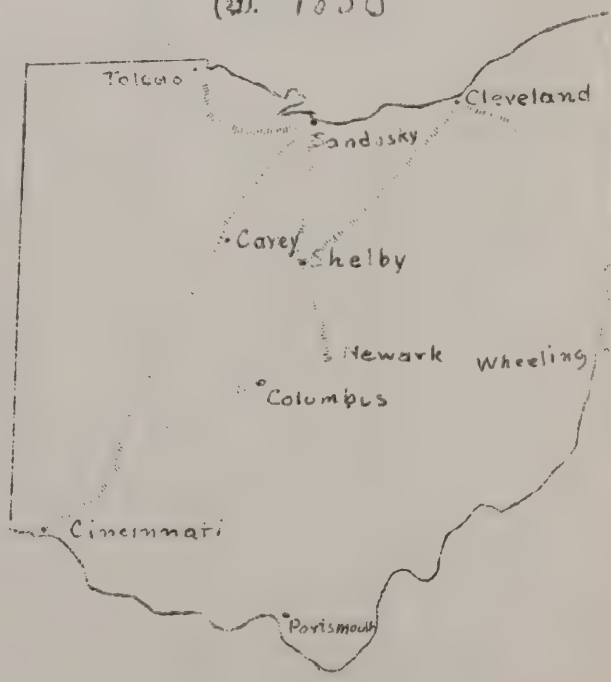


B. RAILROADS, 1840-1850

(C). 1840



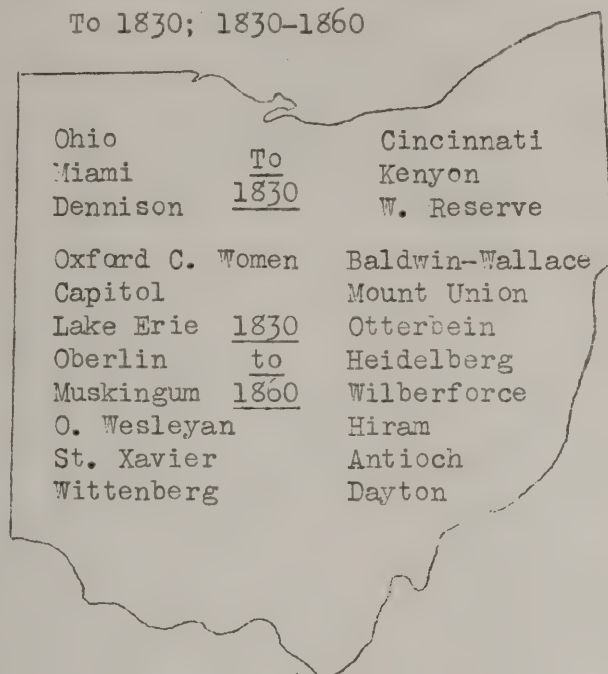
(D). 1850



CHURCHES, HIGHER EDUCATION, 1830-1860

A. COLLEGES AND UNIVERSITIES

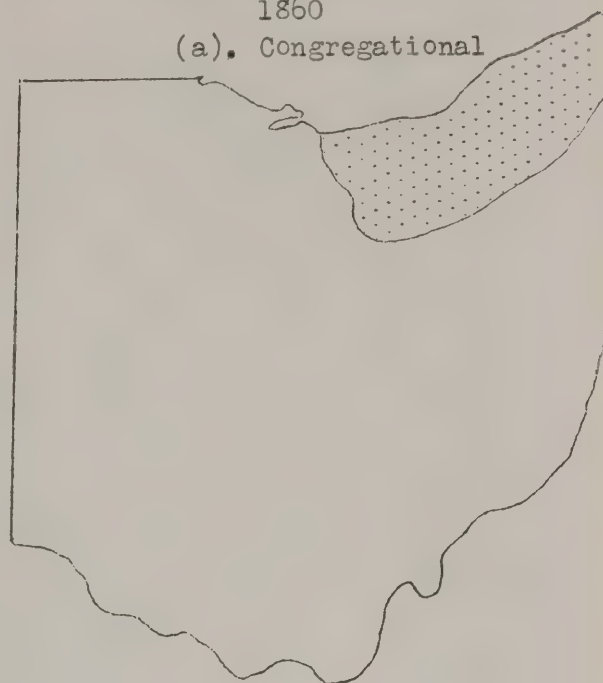
To 1830; 1830-1860



B. PRINCIPAL AREA OF SOME CHURCHES

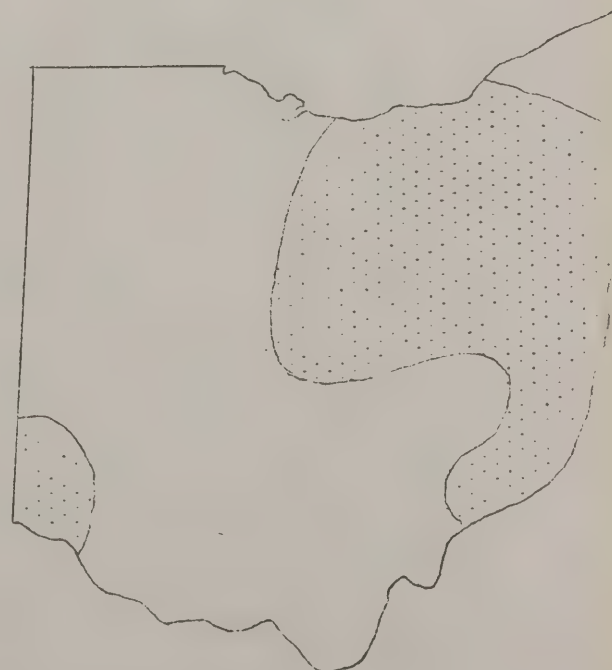
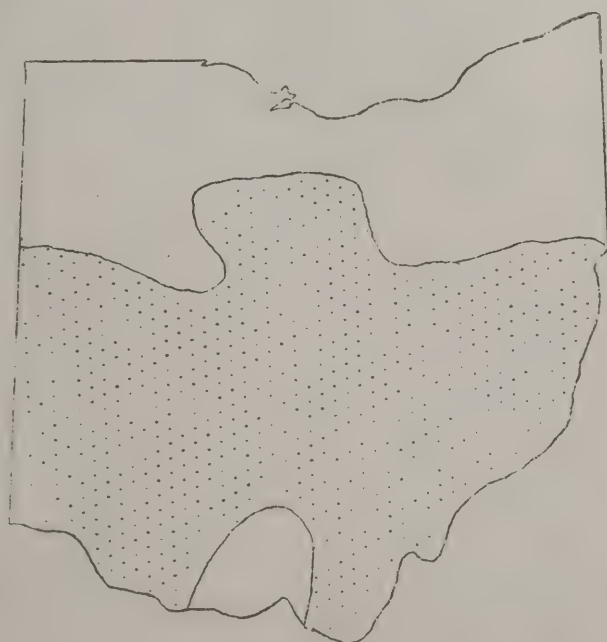
1860

(a). Congregational



(b). Methodist

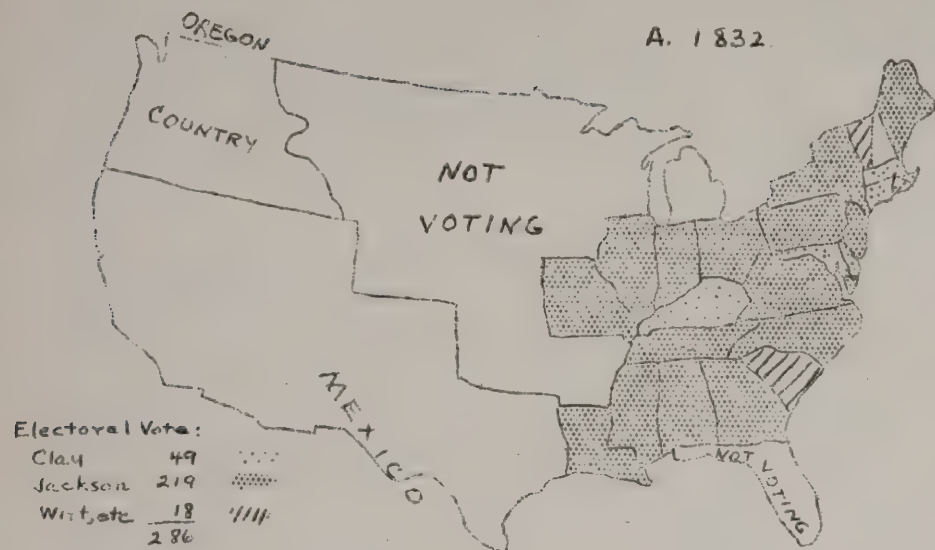
(c). Presbyterian





PRESIDENTIAL ELECTIONS, 1832-1844

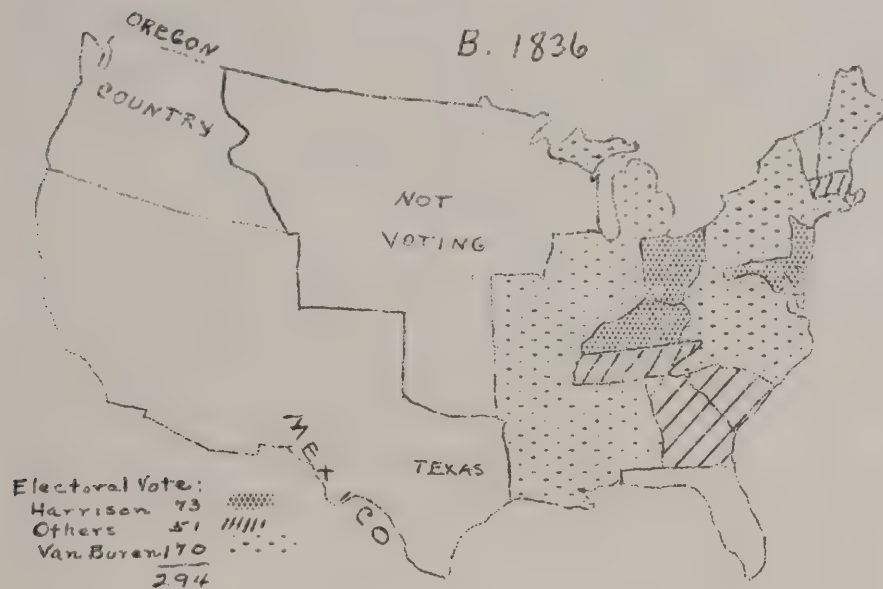
A. 1832



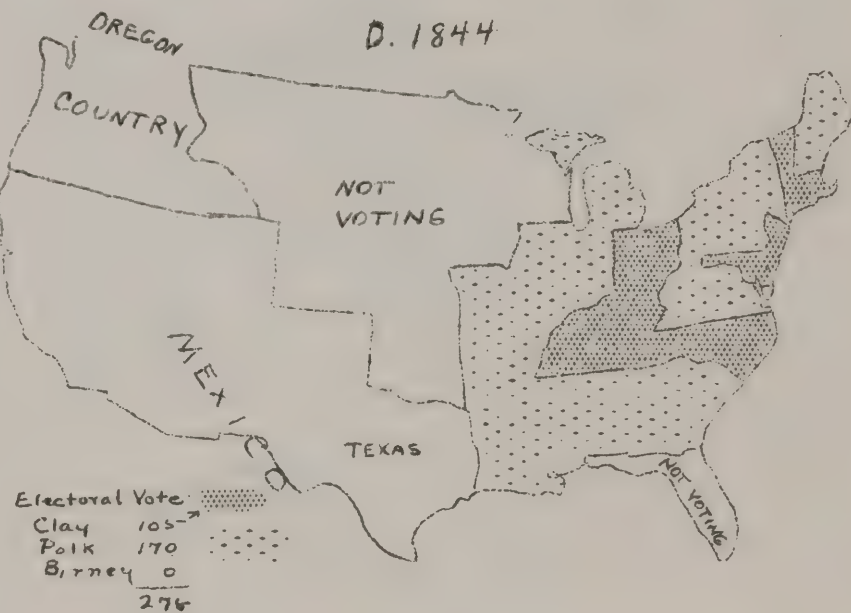
C. 1840



B. 1836



D. 1844



Map showing the distribution of the number of children per family in 1800 and 1830. The map is divided into states, each labeled with a pair of numbers in parentheses, representing the number of children in 1800 and 1830 respectively.

Legend:

- (0) 3: 0 children in 1800, 3 children in 1830
- (1) 2: 1 child in 1800, 2 children in 1830
- (2) 1: 2 children in 1800, 1 child in 1830
- (3) 0: 3 children in 1800, 0 children in 1830
- (4) 0: 4 children in 1800, 0 children in 1830
- (5) 0: 5 children in 1800, 0 children in 1830

Approximate distribution on the map:

- New England: (0) 3
- New York: (1) 2
- Pennsylvania: (2) 1
- Delaware: (1) 2
- Maryland: (2) 1
- Virginia: (3) 0
- North Carolina: (4) 0
- South Carolina: (5) 0
- Georgia: (5) 0
- Florida: (5) 0
- Alabama: (5) 0
- Mississippi: (5) 0
- Louisiana: (5) 0
- Arkansas: (5) 0
- Missouri: (5) 0
- Illinois: (5) 0
- Indiana: (5) 0
- Ohio: (5) 0
- Michigan: (5) 0
- Wisconsin: (5) 0
- Minnesota: (5) 0
- Iowa: (5) 0
- Nebraska: (5) 0
- Kansas: (5) 0
- Oklahoma: (5) 0
- Texas: (5) 0
- Arizona: (5) 0
- New Mexico: (5) 0
- Colorado: (5) 0
- Utah: (5) 0
- Idaho: (5) 0
- Montana: (5) 0
- Wyoming: (5) 0
- Nebraska: (5) 0
- Kansas: (5) 0
- Oklahoma: (5) 0
- Texas: (5) 0
- Arizona: (5) 0
- New Mexico: (5) 0
- Colorado: (5) 0
- Utah: (5) 0
- Idaho: (5) 0
- Montana: (5) 0
- Wyoming: (5) 0

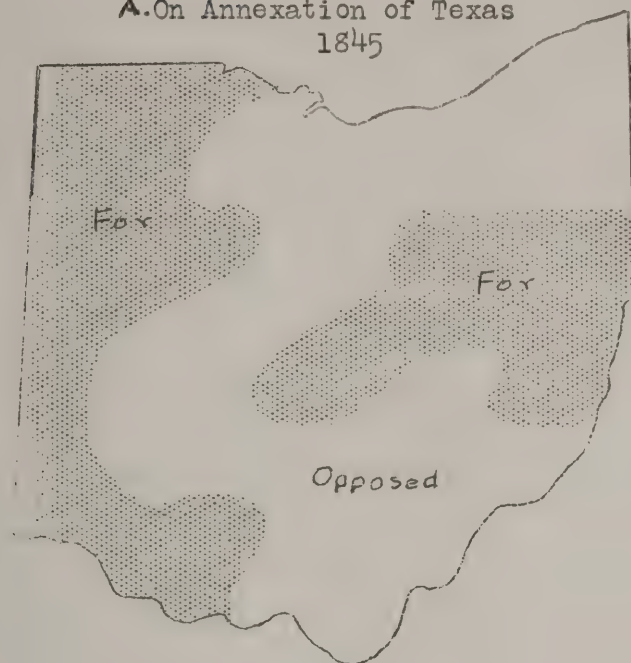
Before 1800

1800-1819

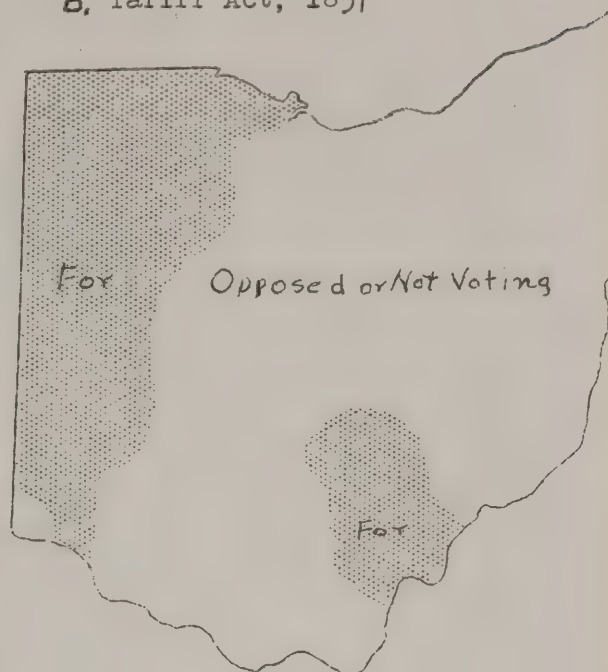
After 1820

POLITICAL ISSUES, 1845-1854, BY OHIO'S CONGRESSIONAL VOTE
"UNDERGROUND RAILROAD" IN OHIO

A. On Annexation of Texas
1845



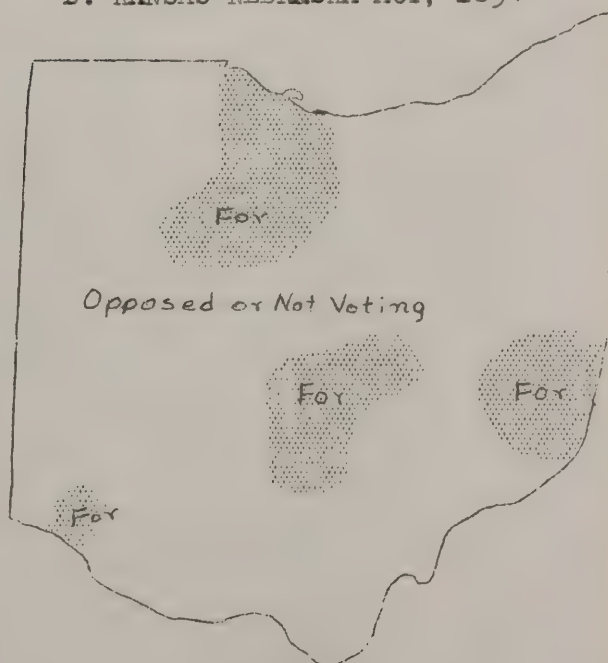
B. Tariff Act, 1857

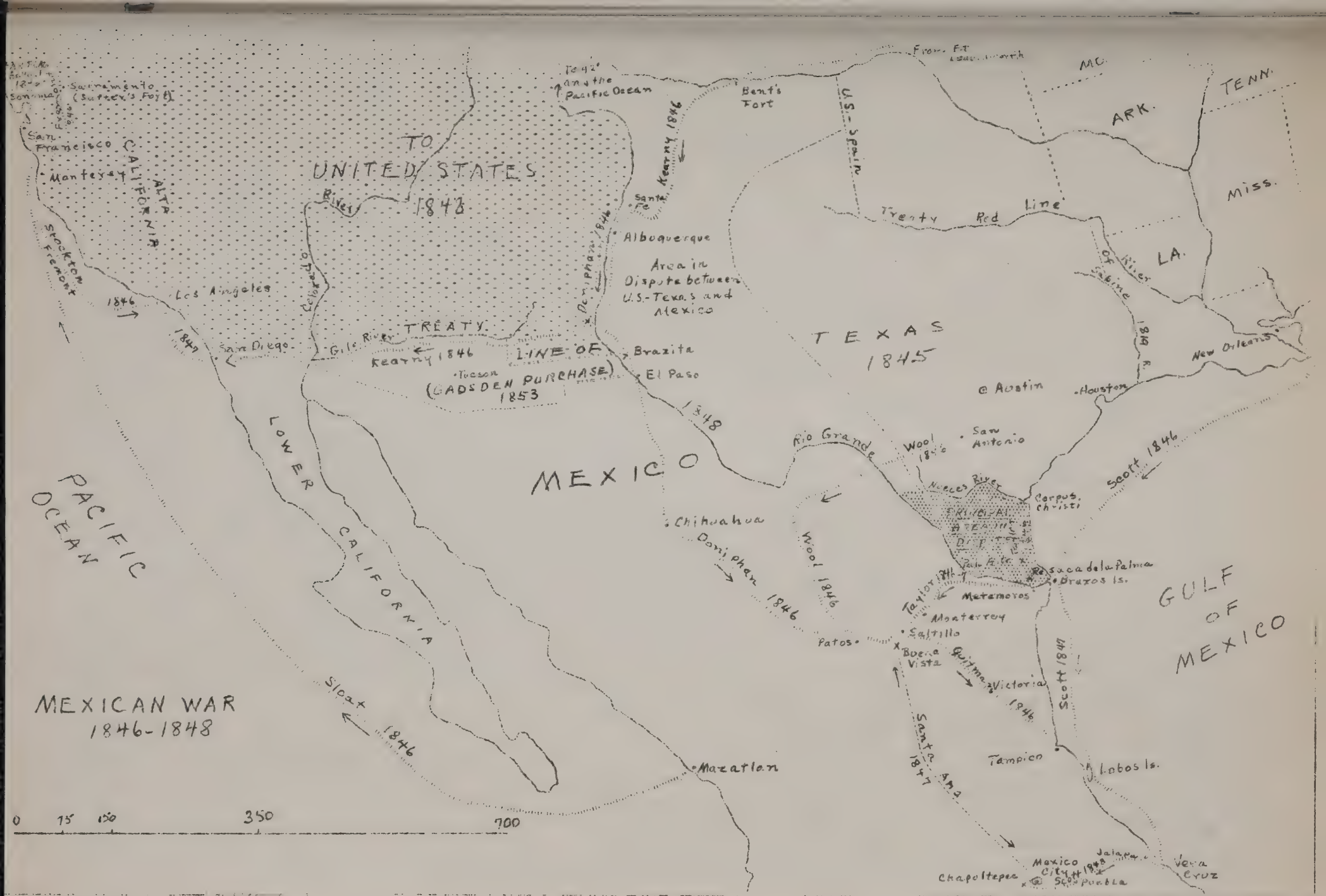


C. "UNDERGROUND RAILROAD"

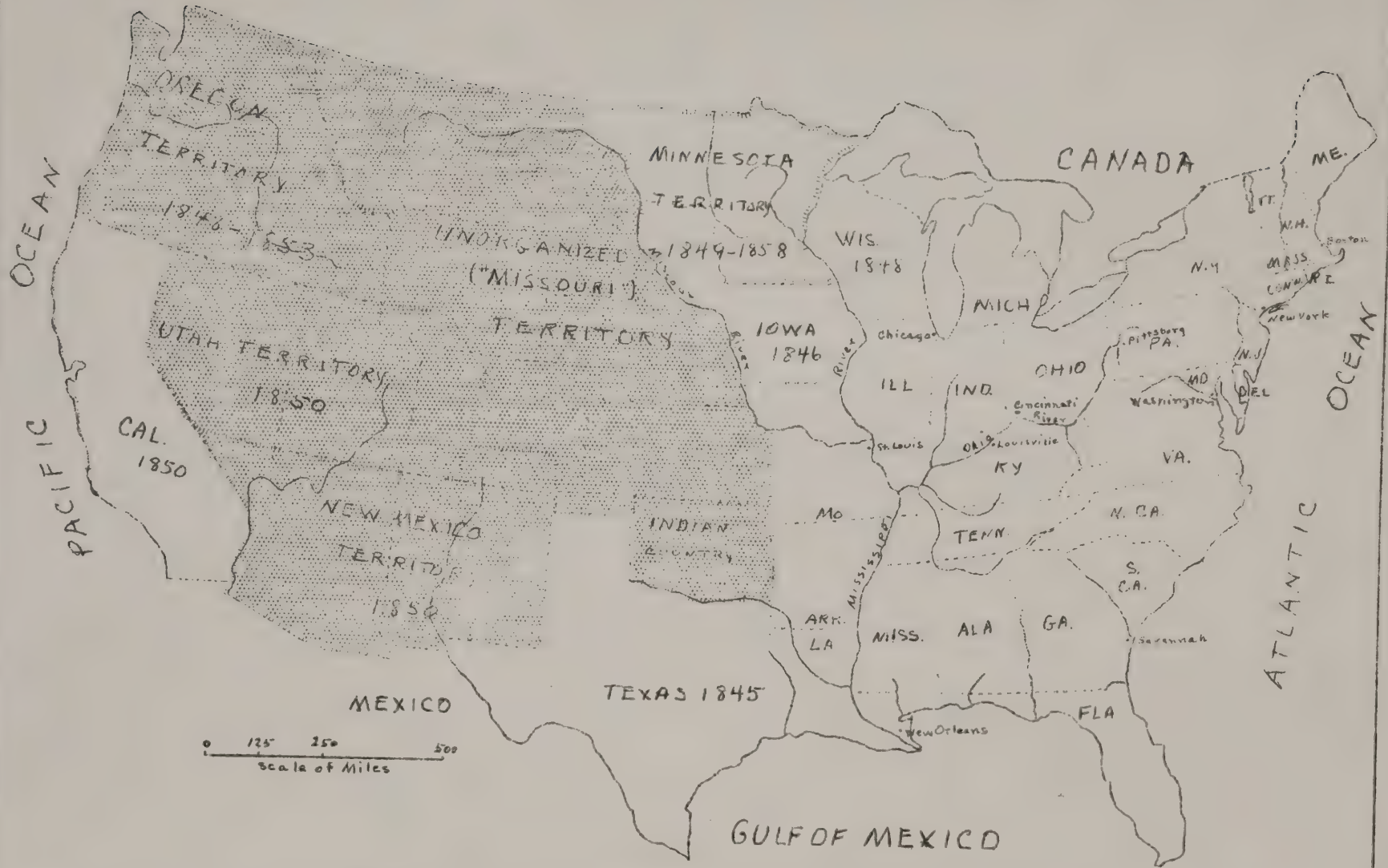


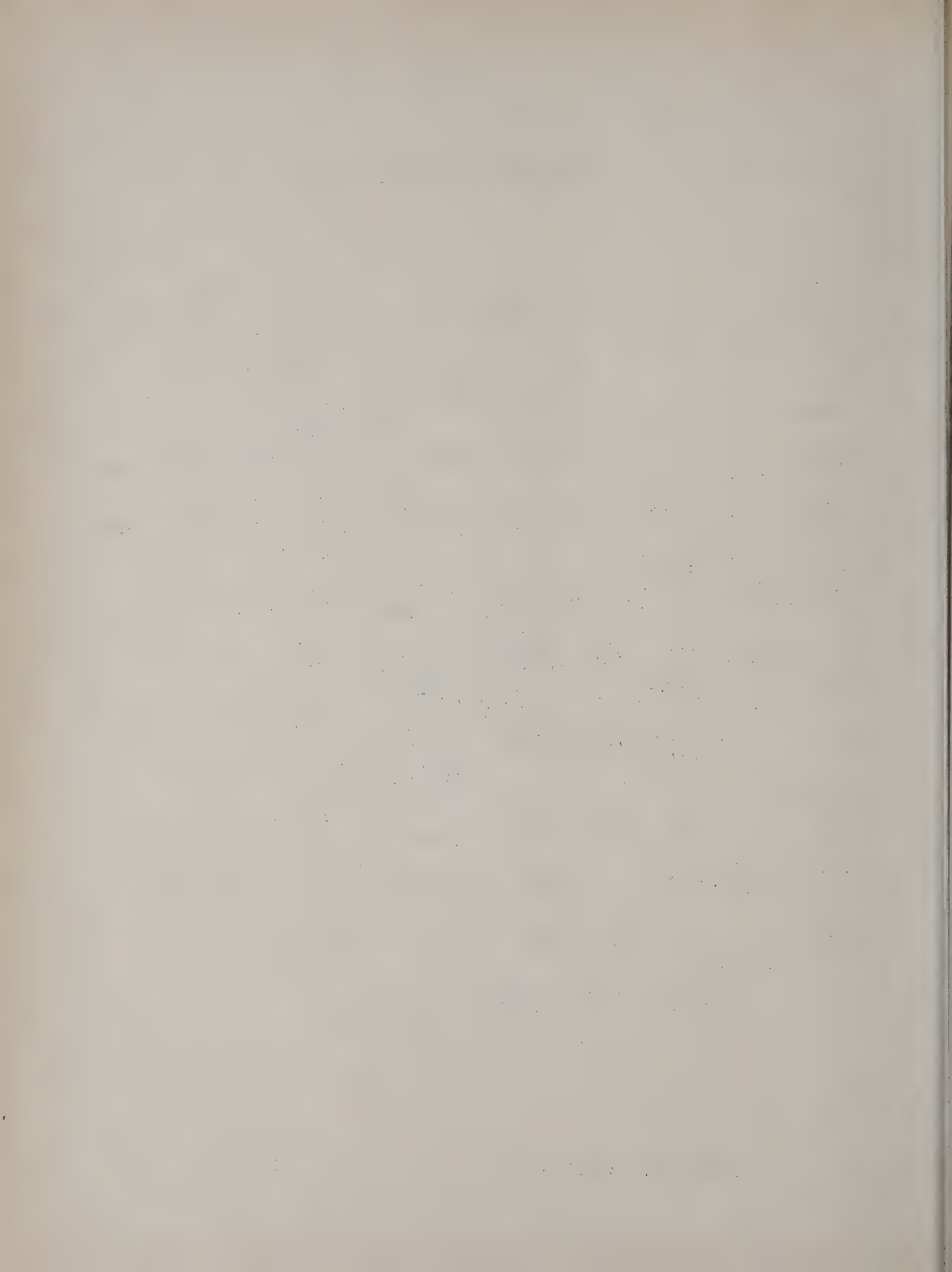
D. KANSAS-NEBRASKA ACT, 1854



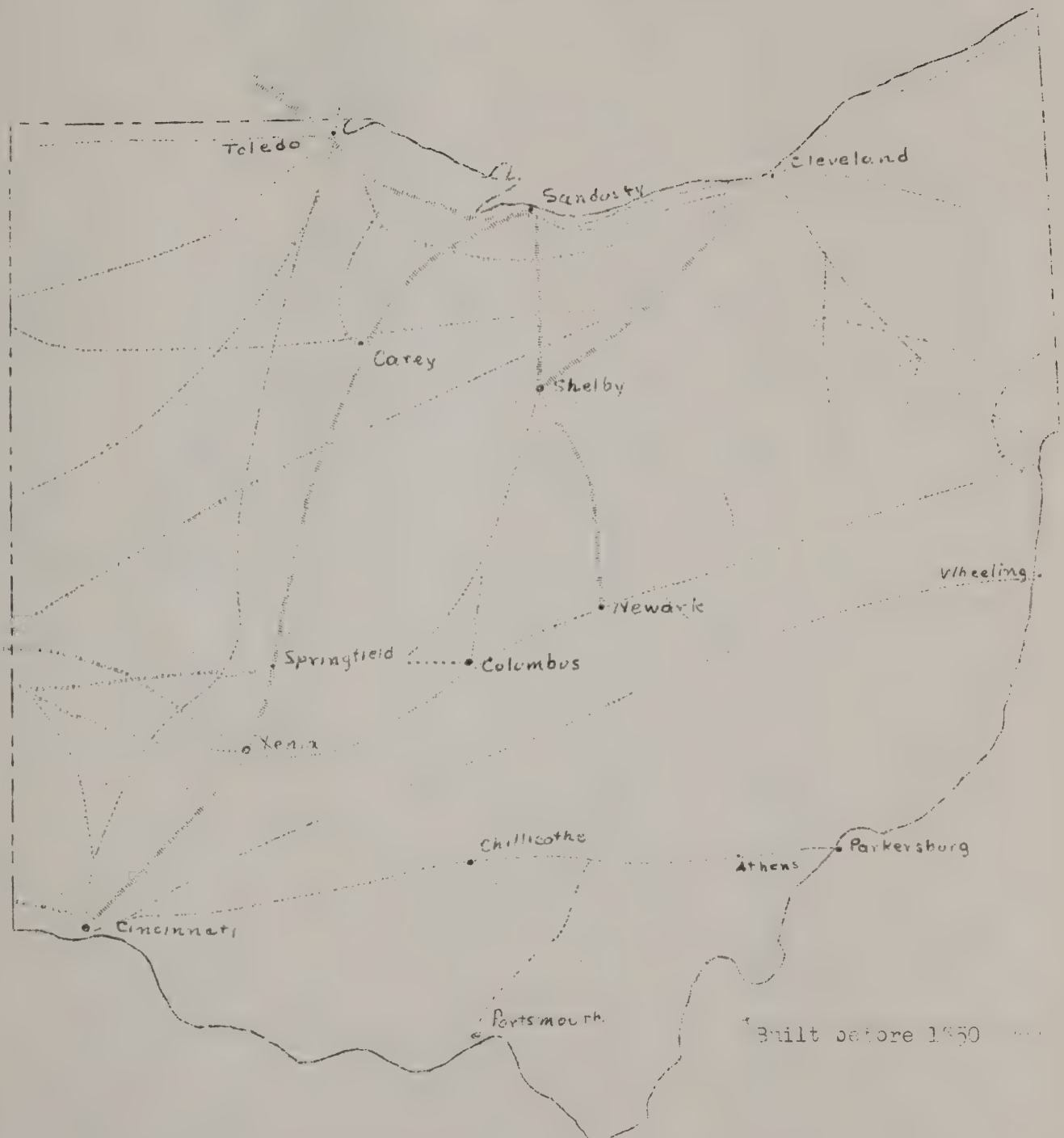


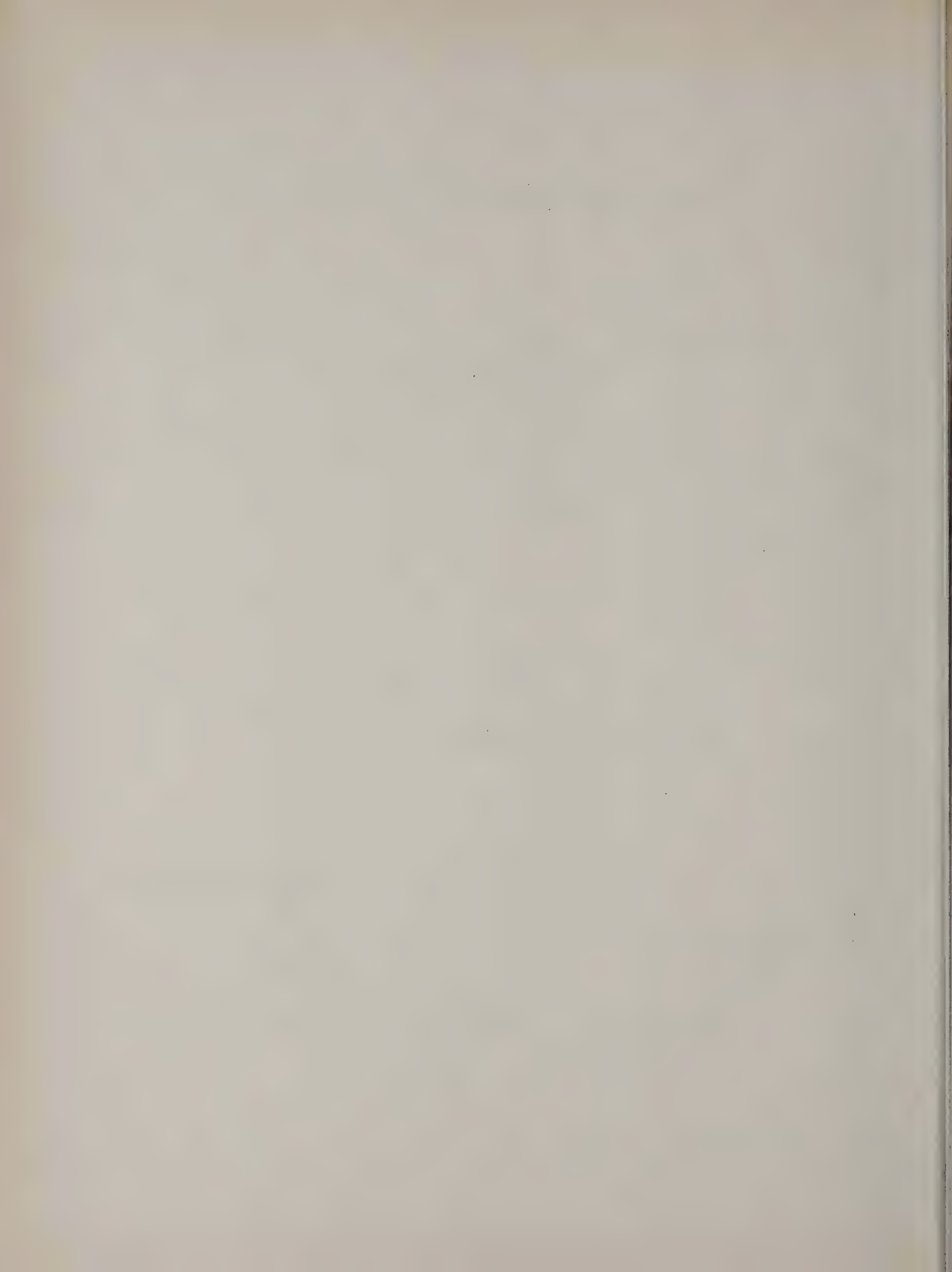
POLITICAL UNITED STATES, 1850



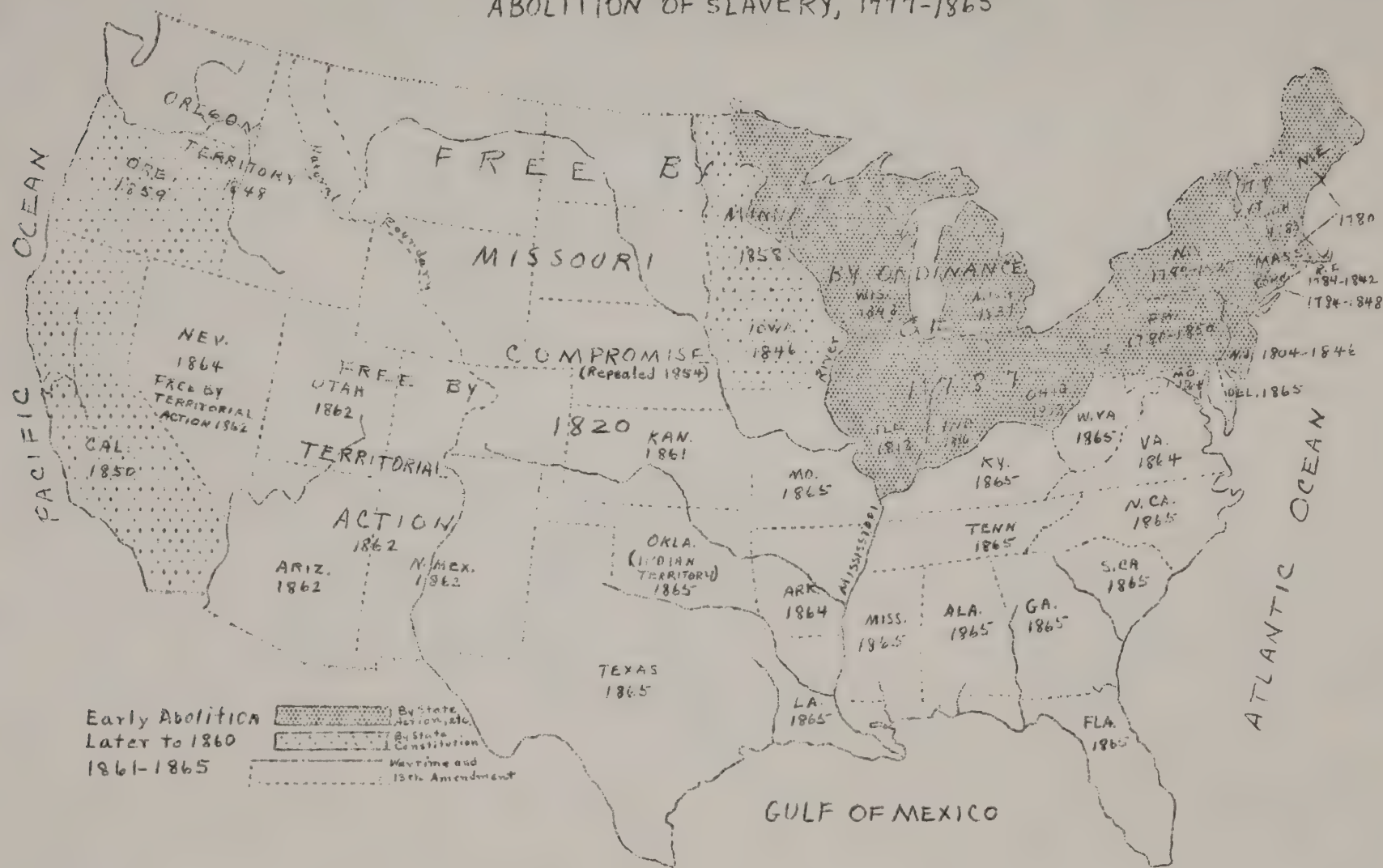


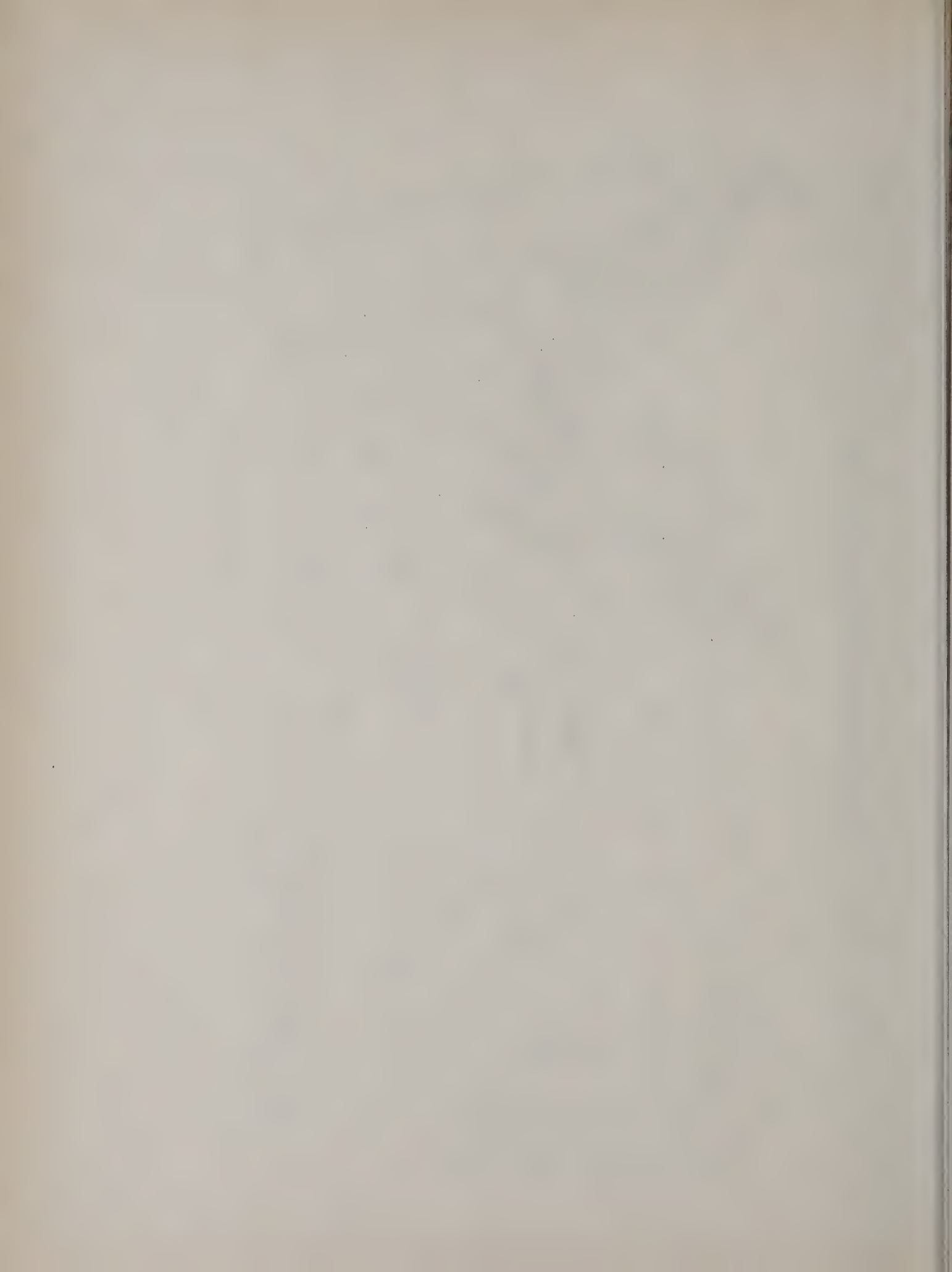
OHIO RAILWAY CONSTRUCTION, 1850-1860





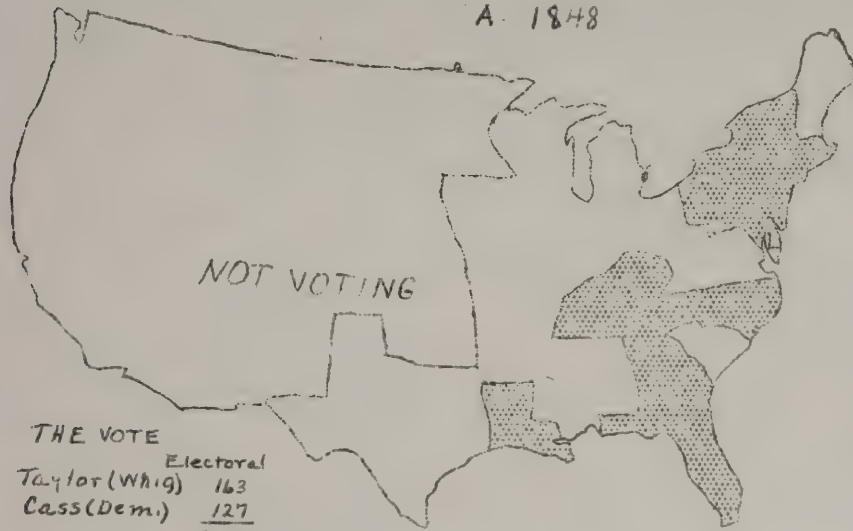
ABOLITION OF SLAVERY, 1777-1865



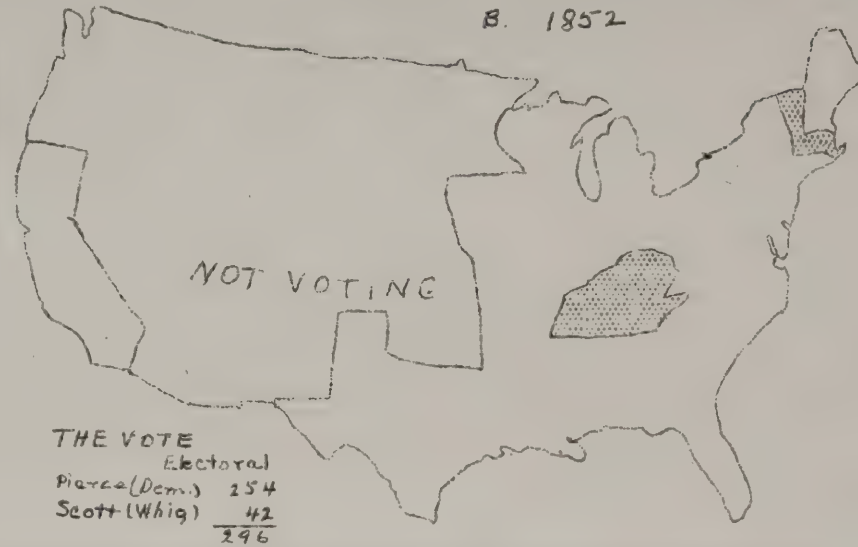


PRESIDENTIAL ELECTIONS, 1848-1860

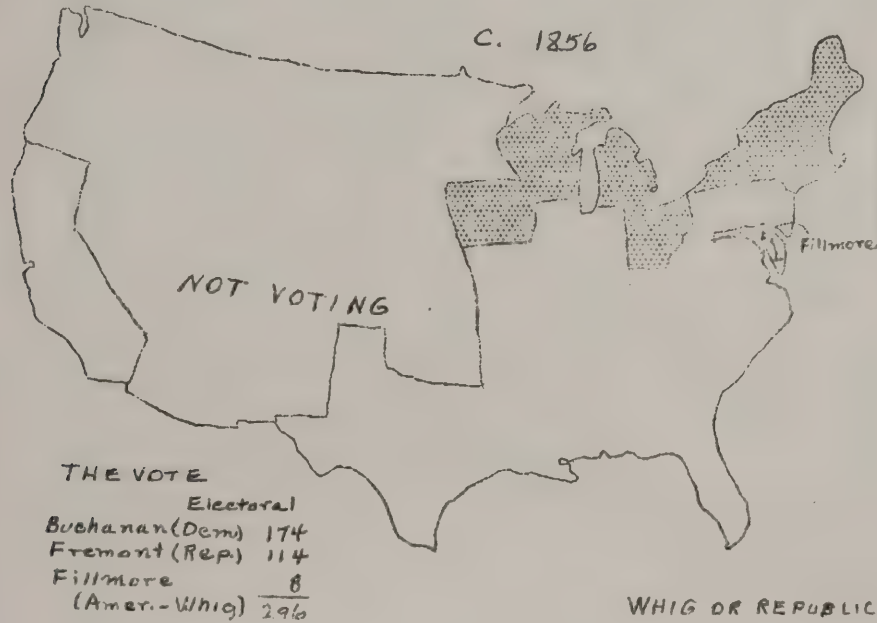
A. 1848



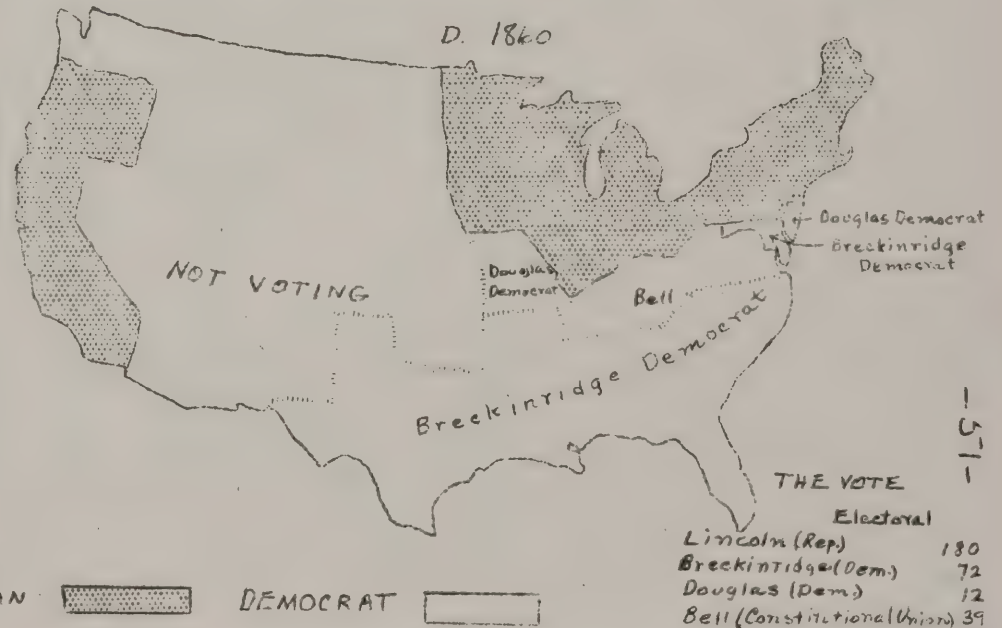
B. 1852



C. 1856



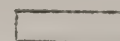
D. 1860

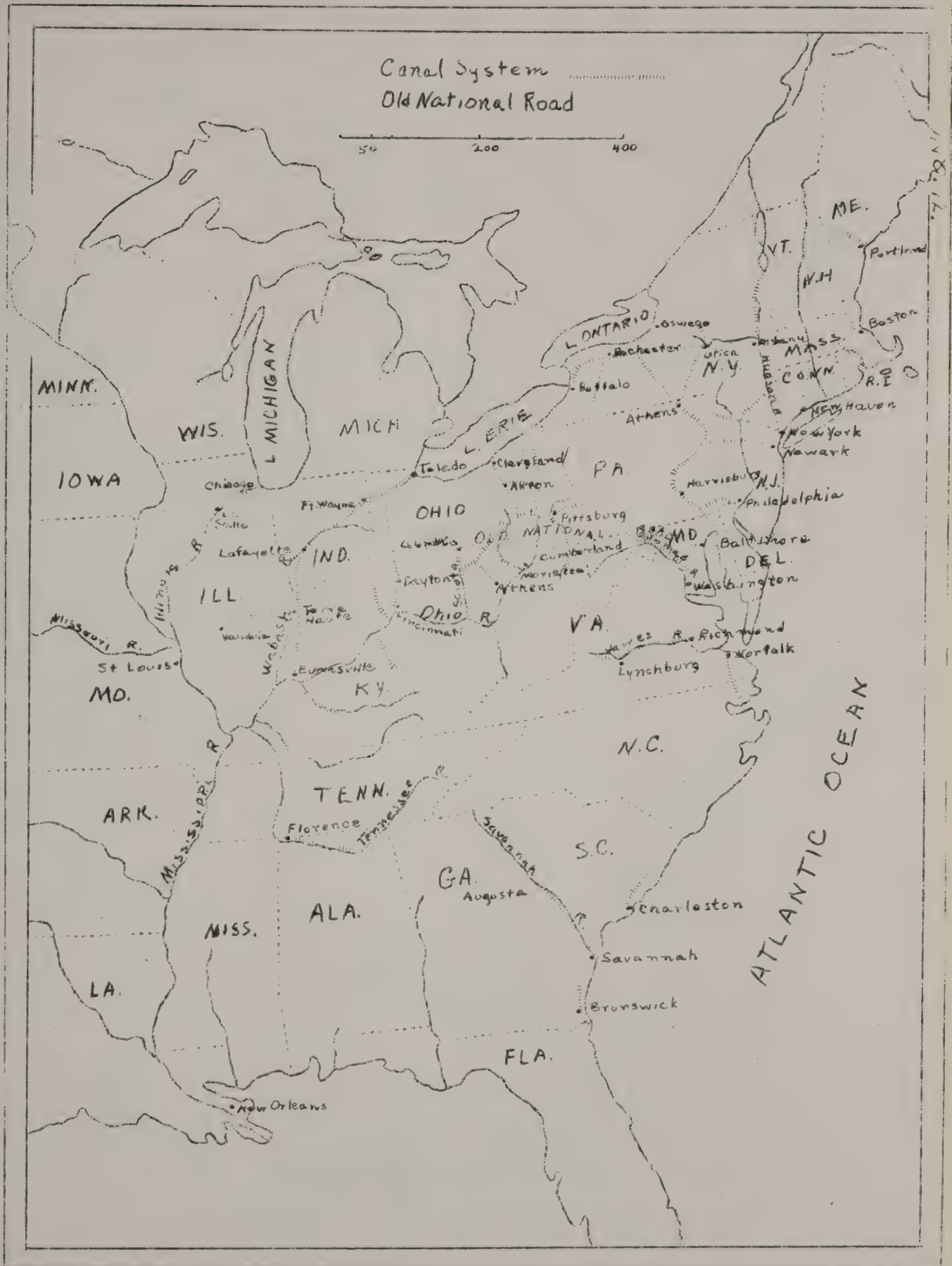


WHIG OR REPUBLICAN



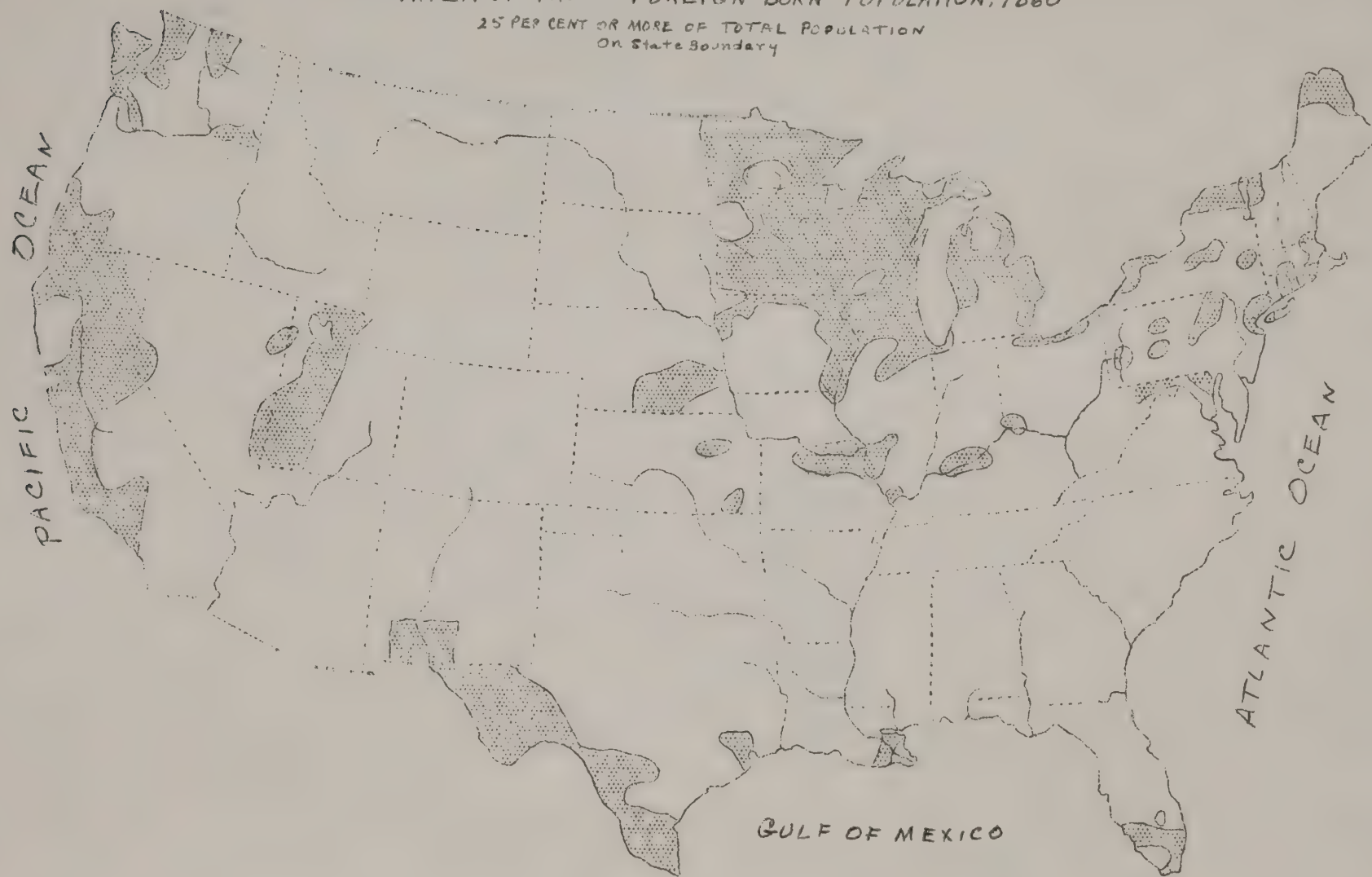
DEMOCRAT



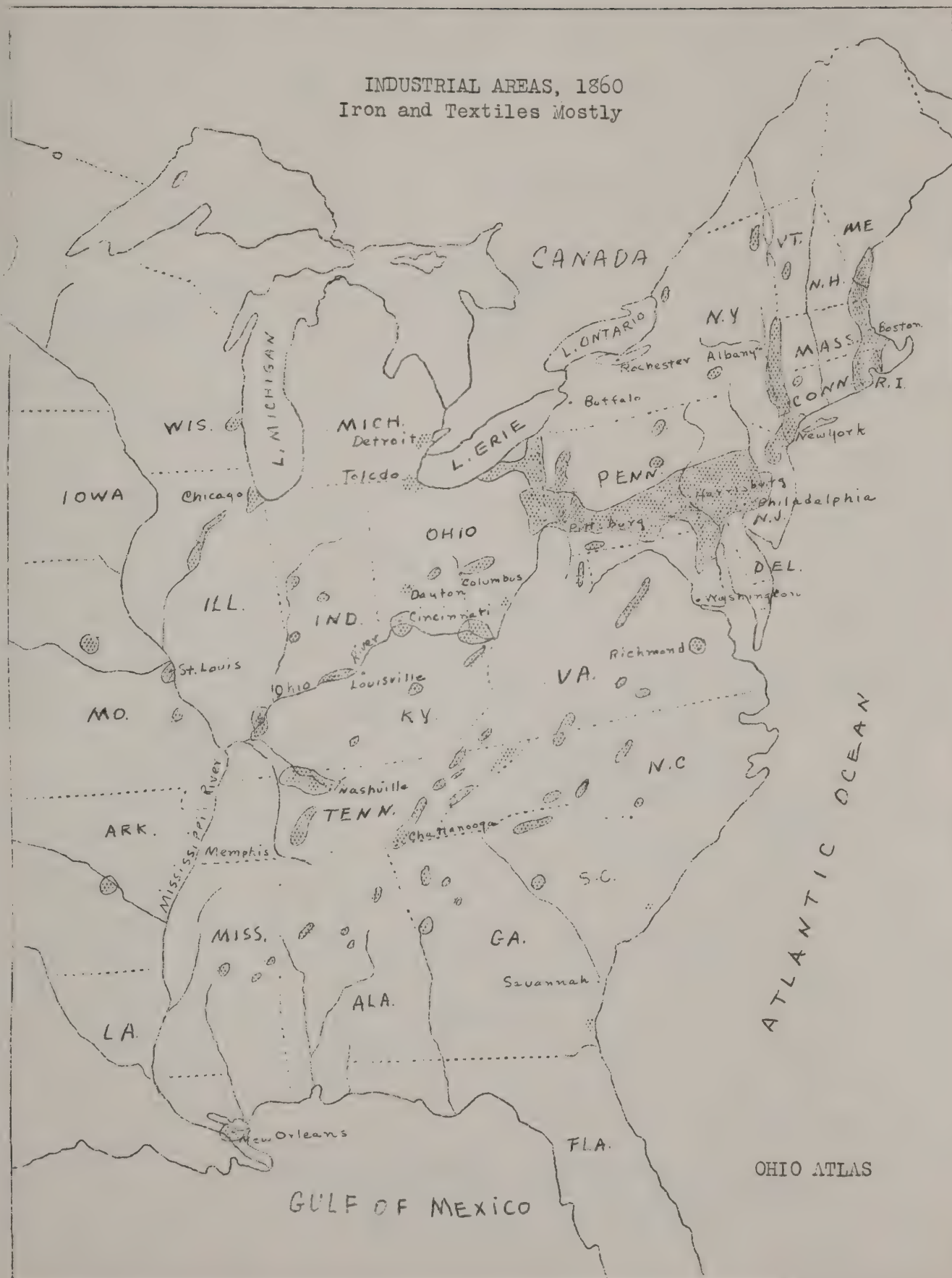


AREA OF MOST FOREIGN BORN POPULATION, 1860

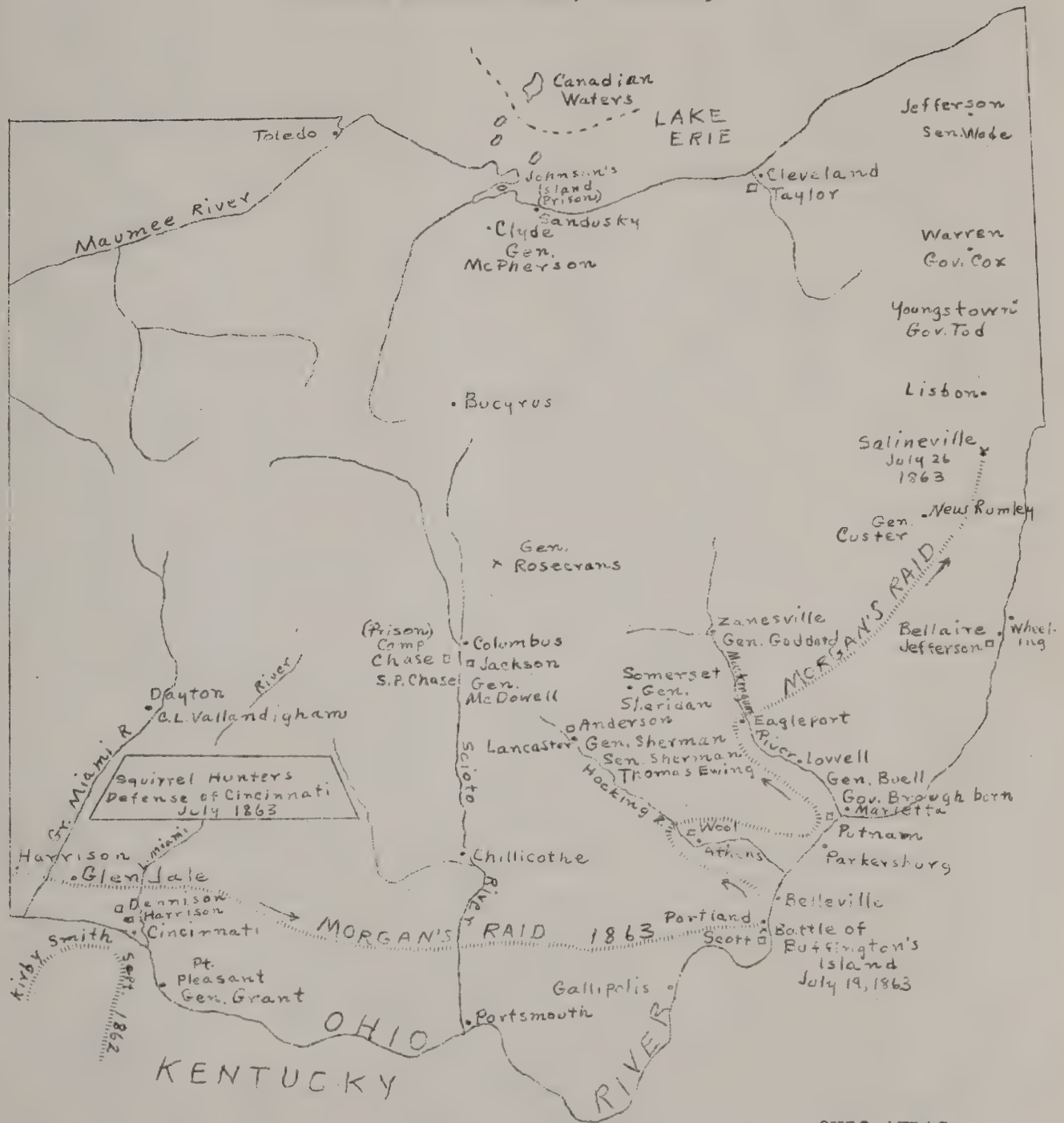
25 PER CENT OR MORE OF TOTAL POPULATION
On State Boundary



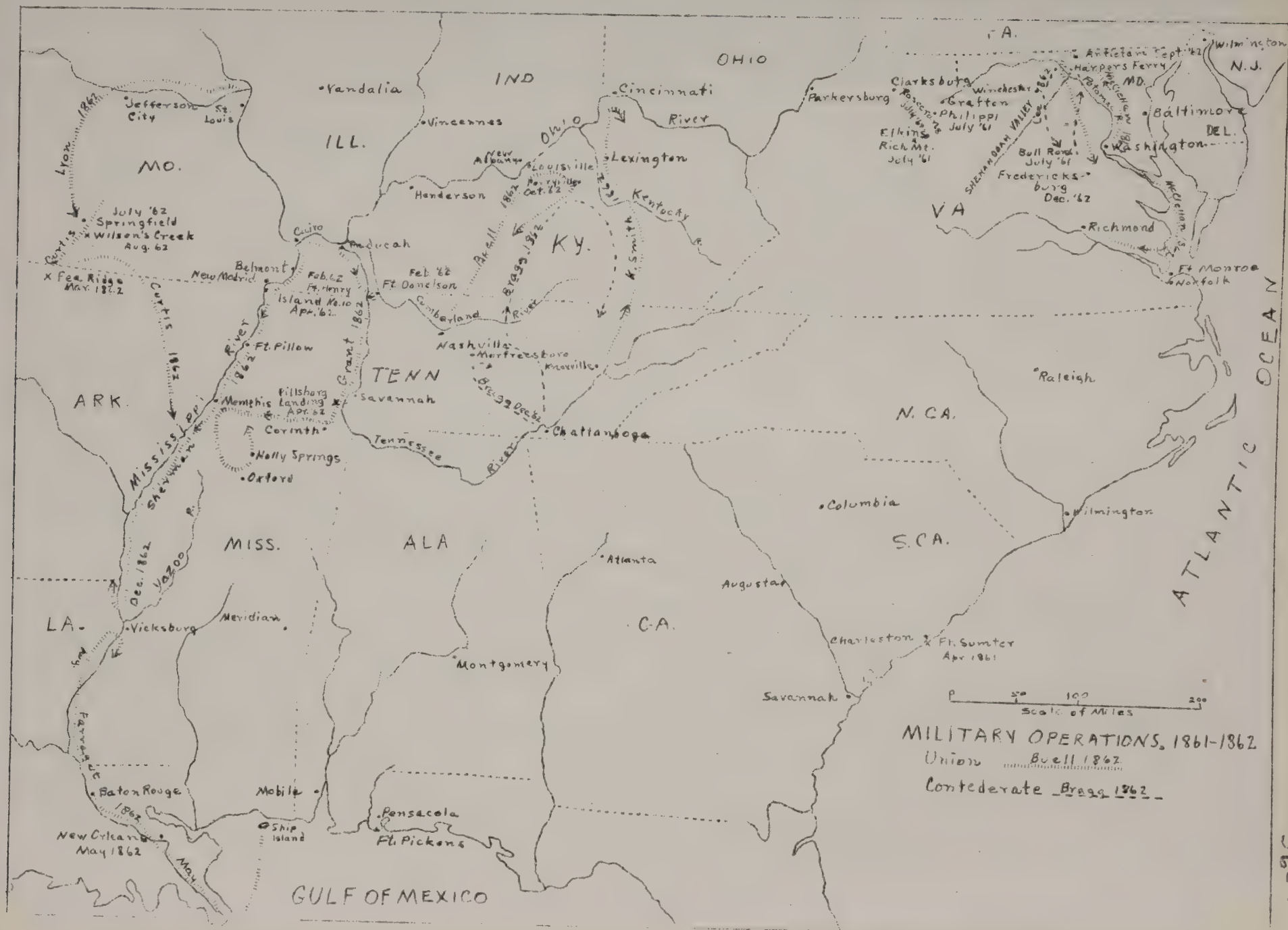
INDUSTRIAL AREAS, 1860
Iron and Textiles Mostly



OHIO IN THE CIVIL WAR, 1861-1865



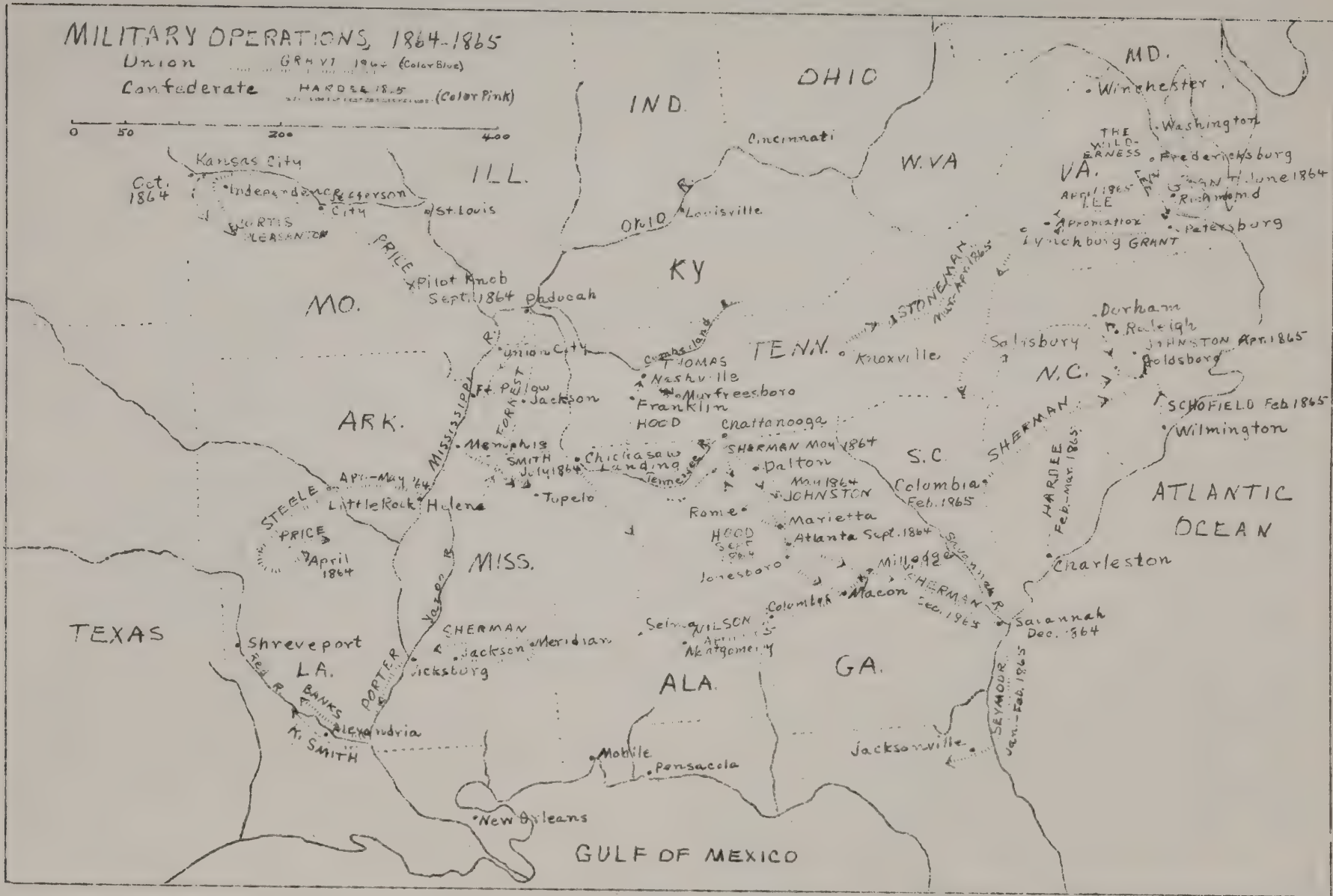
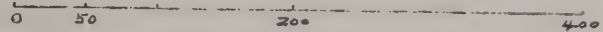
- Camps; Prisons for Confederates
- x Places with which well-known Names or Events are Associated, as at Lancaster, General Sherman

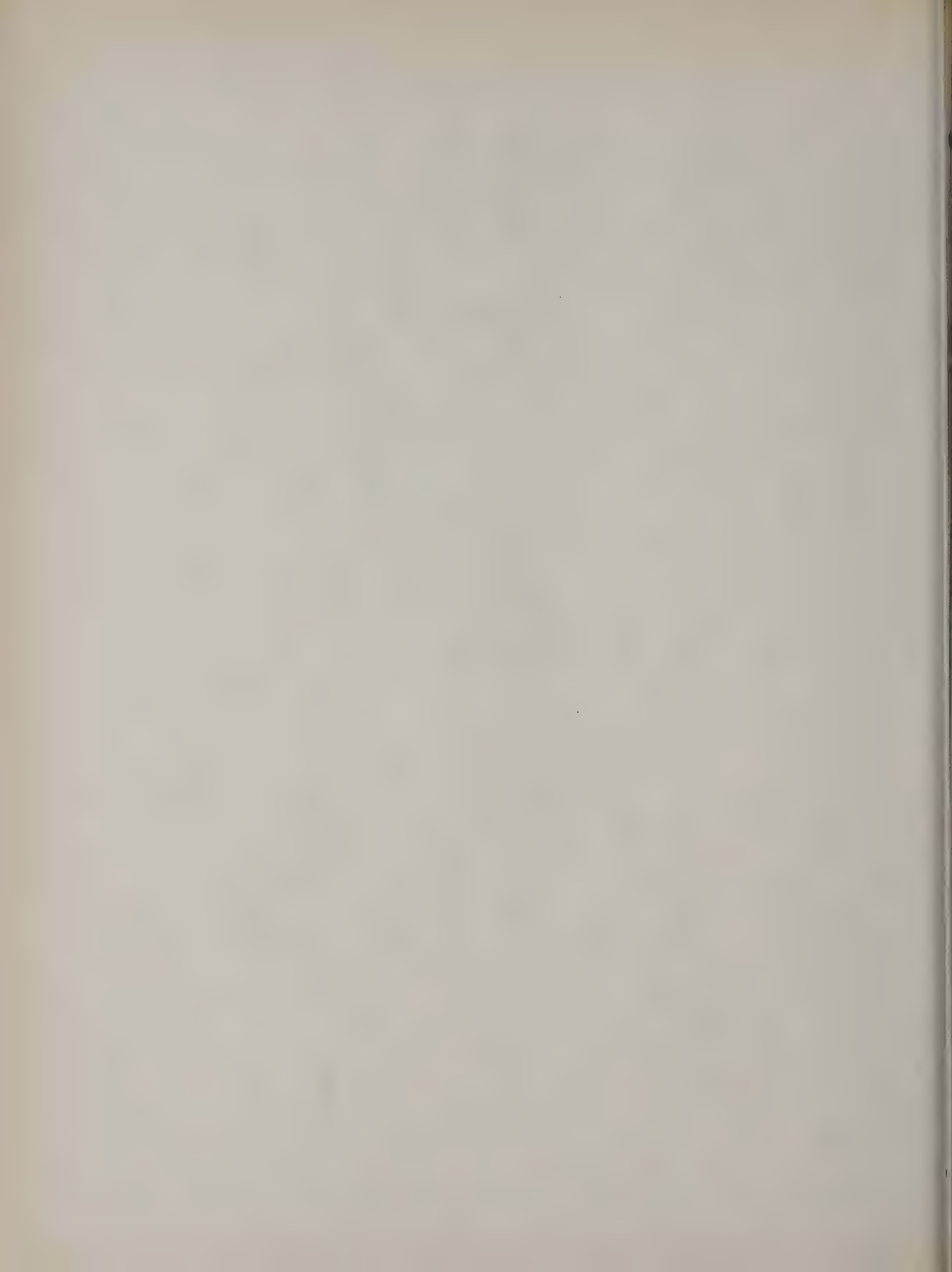


MILITARY OPERATIONS, 1864-1865

Union GRAY 1964 (Color Blue)

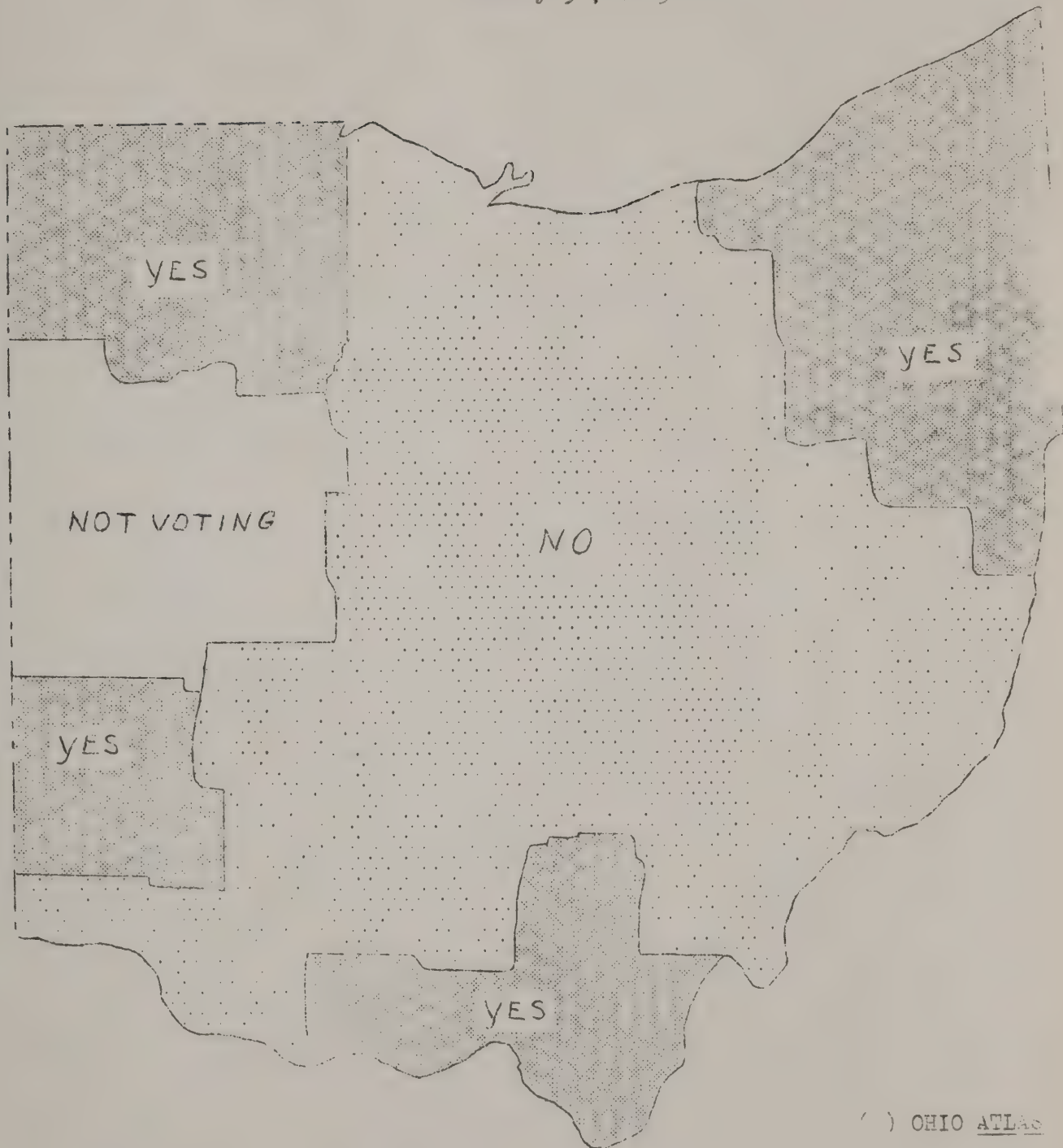
Confederate HARDEE 18.5 (Color Pink)



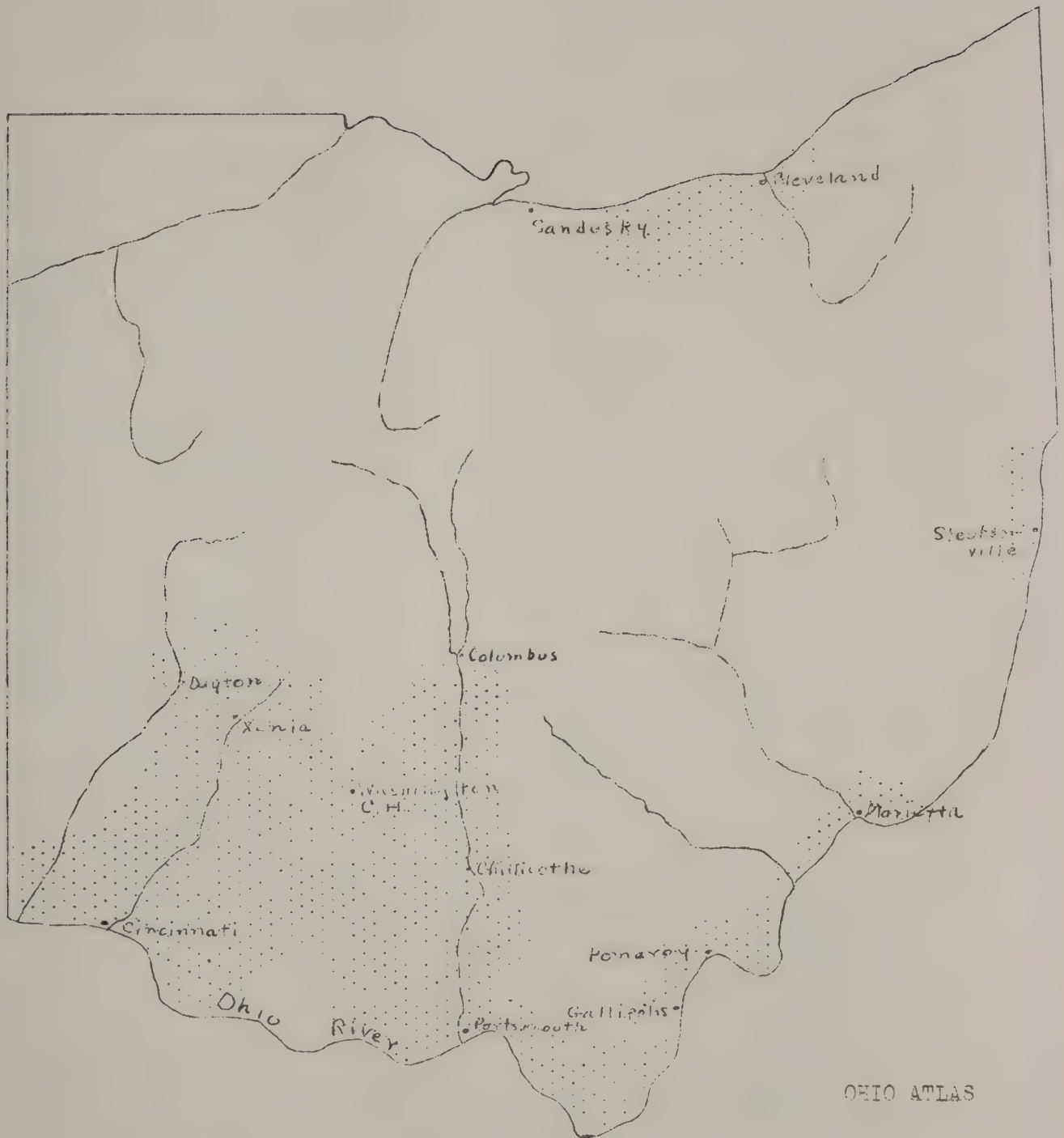


OHIO'S CONGRESSIONAL VOTE ON THE THIRTEENTH AMENDMENT

January 31, 1865

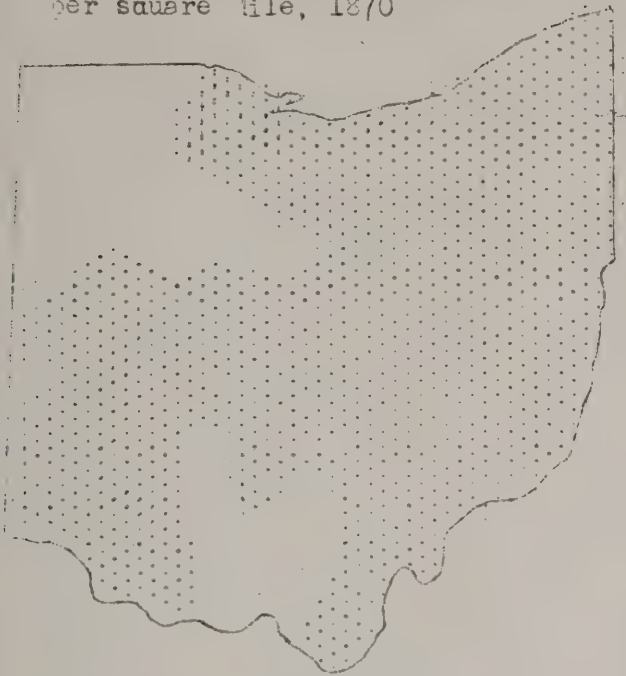


AREAS WITH MOST NEGRO POPULATION, 1970

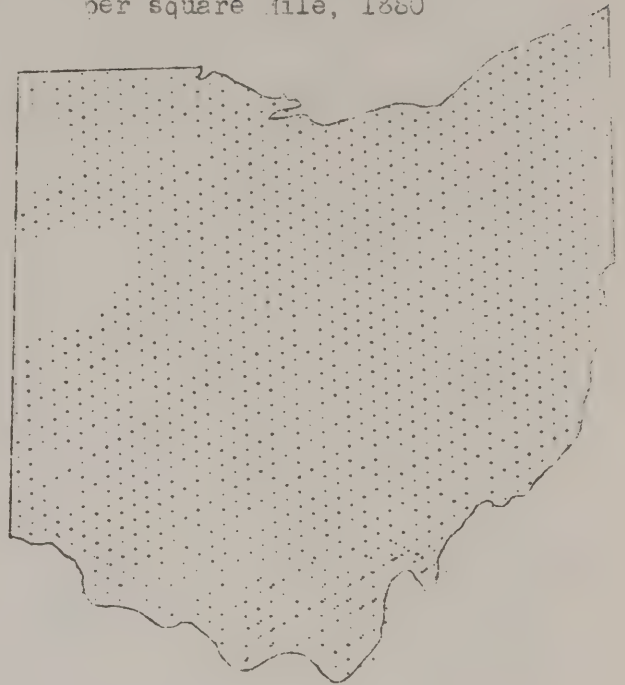


POPULATION, 1870-1910

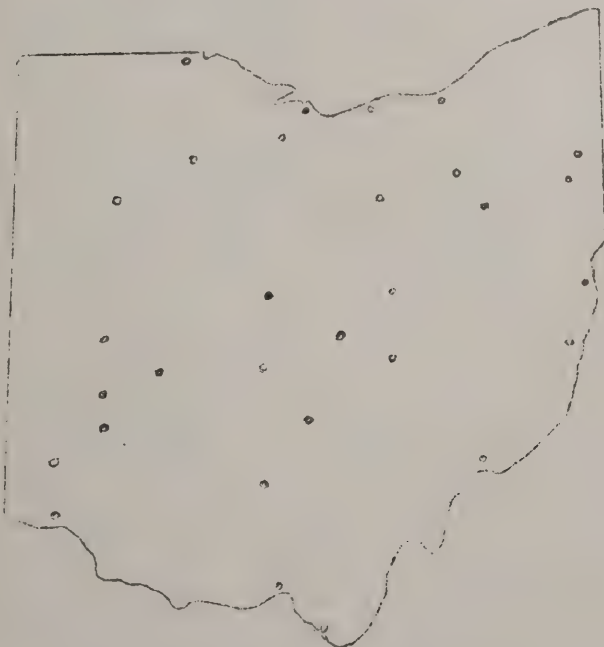
A.
Area with 45 Persons or more
per square Mile, 1870



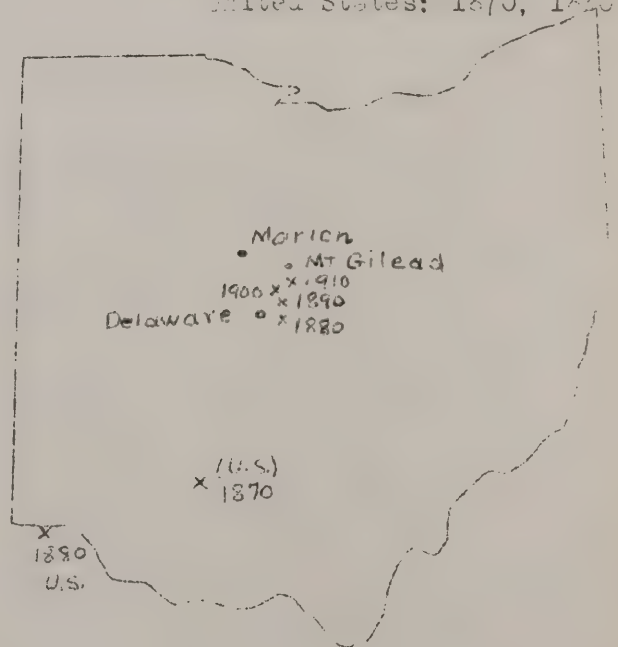
3. Area with 45 Persons or more
per square Mile, 1850



C.
Urban Areas with Population of
3000 or more, 1890



D.
CENTERS OF POPULATION
Ohio: 1880-1910
United States: 1870, 1890



A. On Resumption of Specie Payments, 1875

The map shows the following results by state:

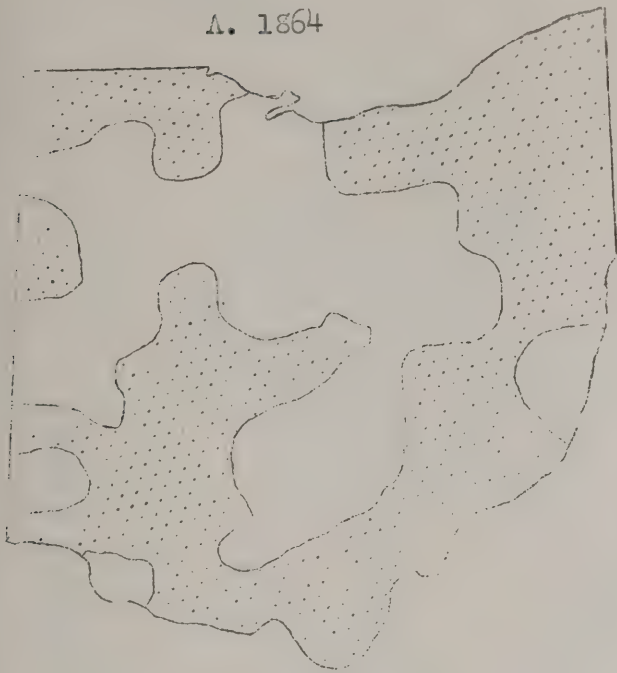
- Montana: NO
- Wyoming: NO VOTE
- Idaho: YES
- Utah: YES
- Arizona: YES
- New Mexico: YES
- Colorado: YES
- Nebraska: YES
- Kansas: YES
- Oklahoma: YES
- Texas: YES
- Louisiana: YES
- Mississippi: YES
- Alabama: YES
- Georgia: YES
- Florida: YES
- South Carolina: YES
- North Carolina: YES
- Virginia: YES
- West Virginia: YES
- Ohio: YES
- Indiana: YES
- Illinois: YES
- Michigan: YES
- Wisconsin: YES
- Minnesota: YES
- North Dakota: YES
- South Dakota: YES
- Nebraska: YES
- Kansas: YES
- Oklahoma: YES
- Texas: YES
- Louisiana: YES
- Mississippi: YES
- Alabama: YES
- Georgia: YES
- Florida: YES
- South Carolina: YES
- North Carolina: YES
- Virginia: YES
- West Virginia: YES
- Ohio: YES
- Indiana: YES
- Illinois: YES
- Michigan: YES
- Wisconsin: YES
- Minnesota: YES
- North Dakota: YES
- South Dakota: YES

A hand-drawn map of the United States showing the results of the 1964 presidential election. The map is divided into regions labeled 'YES' and 'NO VOTE'. The 'YES' regions include the Northeast, the Midwest, and the South. The 'NO VOTE' regions include the West and the Great Lakes area.

A hand-drawn map of Ohio, divided into counties. The map is labeled with the results of the 1901 referendum in each county. The labels are: YES (in the northwest, southwest, and south-central regions), NO (in the central region), and NO VOTE (in the northeast and west-central regions).

MAJOR POLITICAL PARTIES IN NATIONAL ELECTIONS, 1864-1896

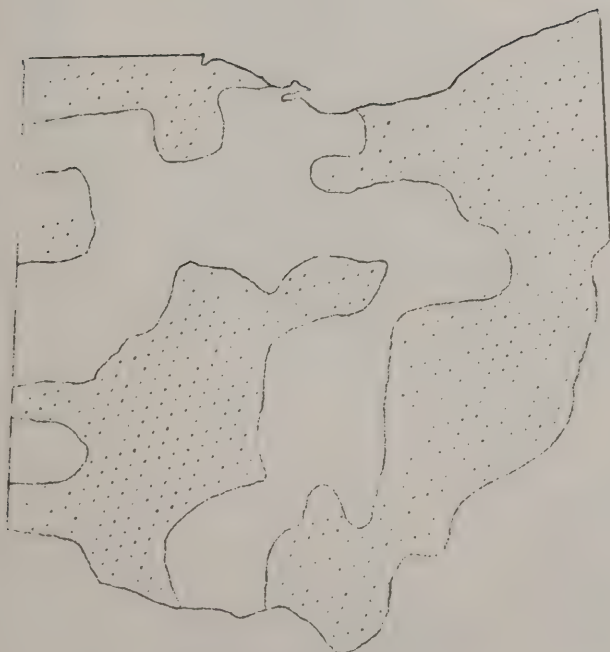
A. 1864



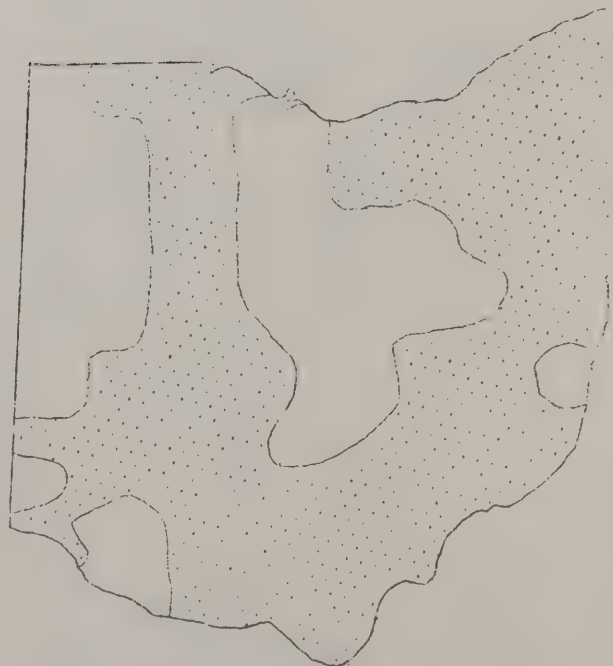
B. 1876



C. 1884



D. 1896



LEGEND:

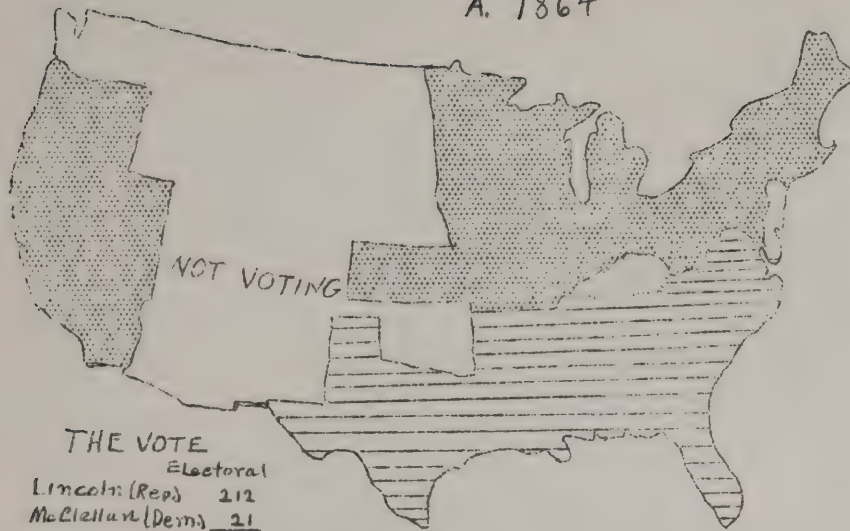
Republican Party

Democratic Party

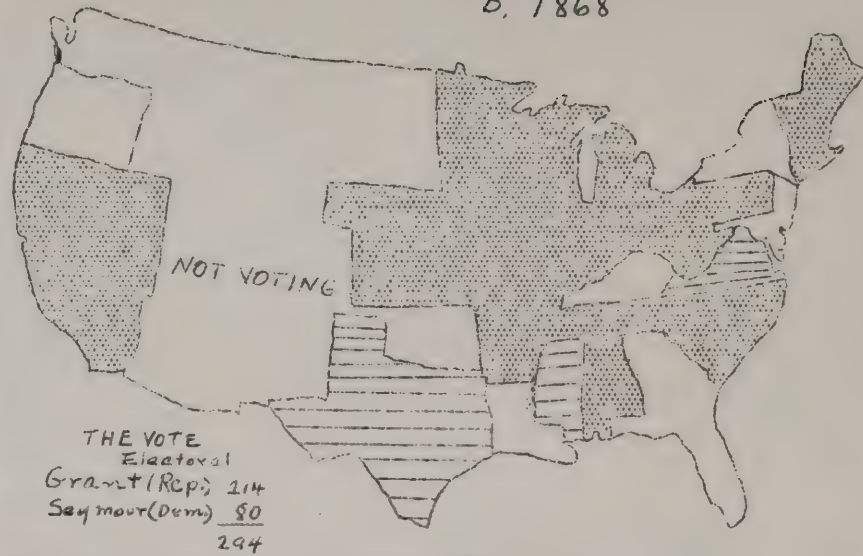


PRESIDENTIAL ELECTIONS, 1864-1876

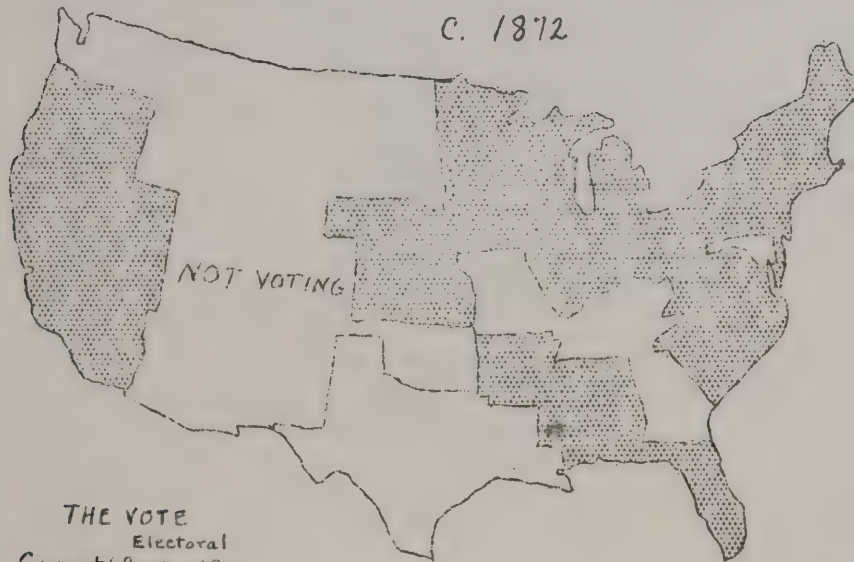
A. 1864



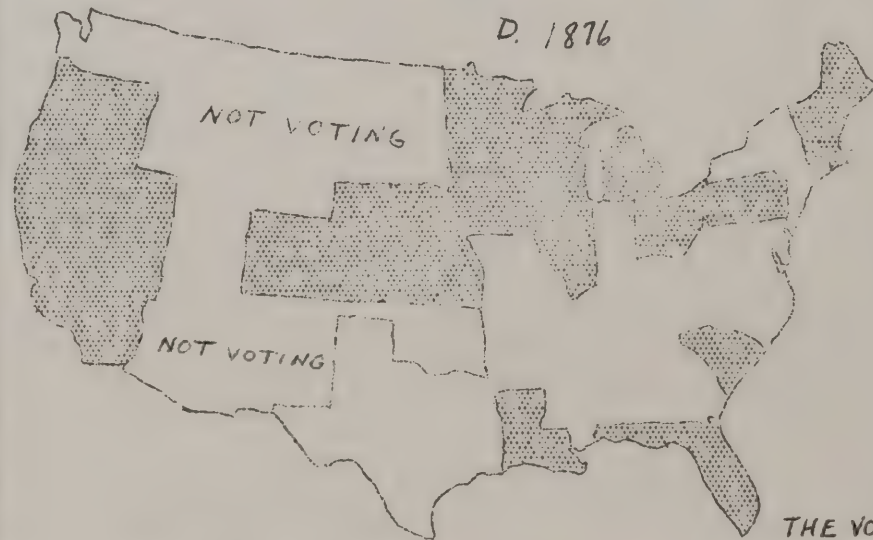
B. 1868



C. 1872



D. 1876



REPUBLICAN



DEMOCRAT



-64-

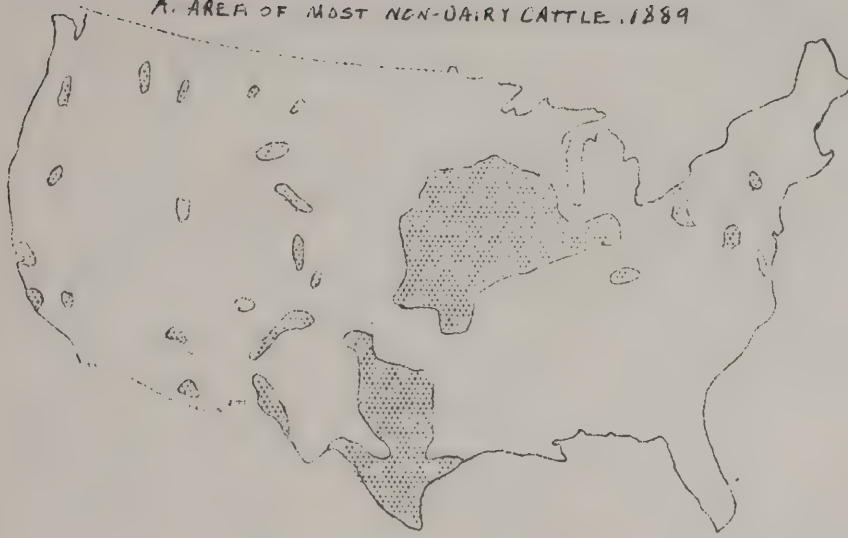
POLITICAL UNITED STATES, 1870



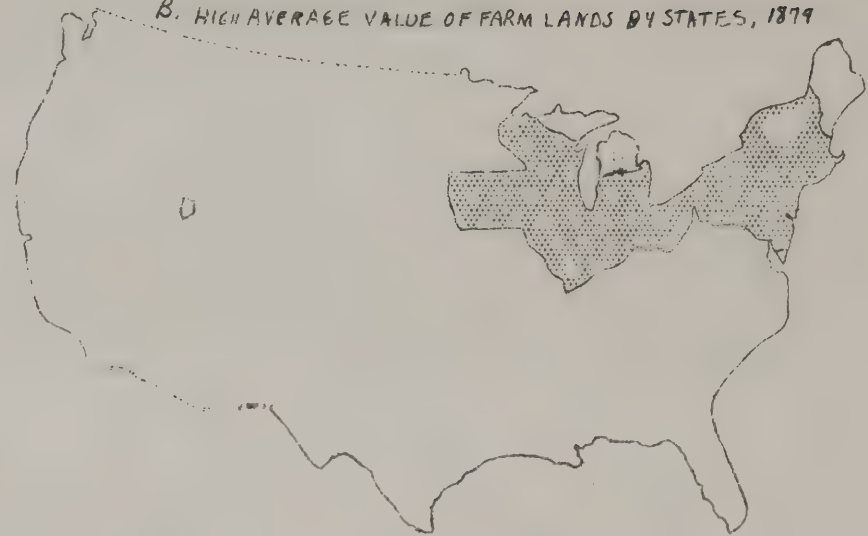
[illegible]

16.
AGRICULTURAL SITUATION, 1879, 1889

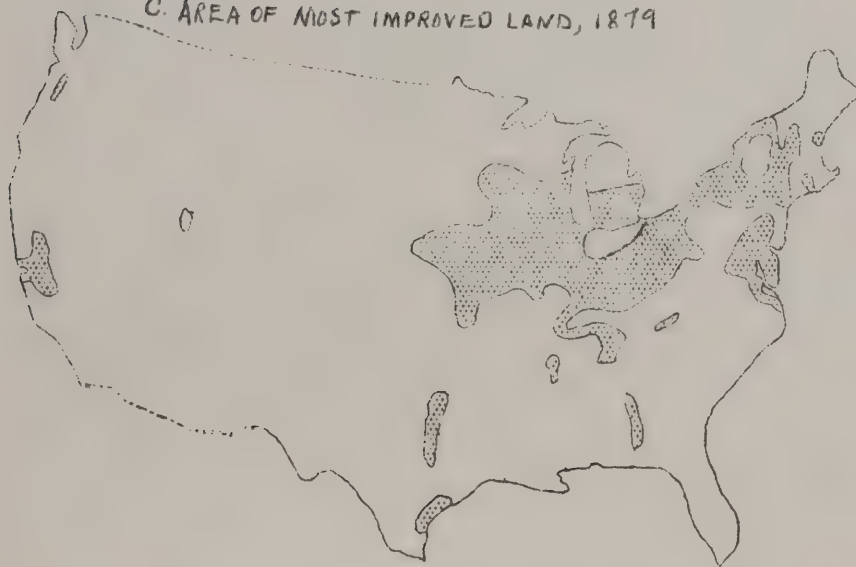
A. AREA OF MOST NON-DAIRY CATTLE, 1889



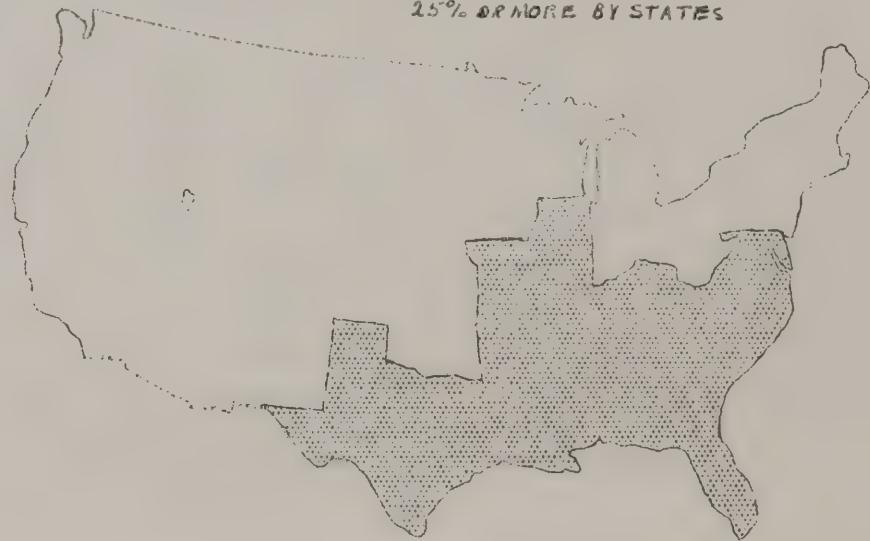
B. HIGH AVERAGE VALUE OF FARM LANDS BY STATES, 1879



C. AREA OF MOST IMPROVED LAND, 1879

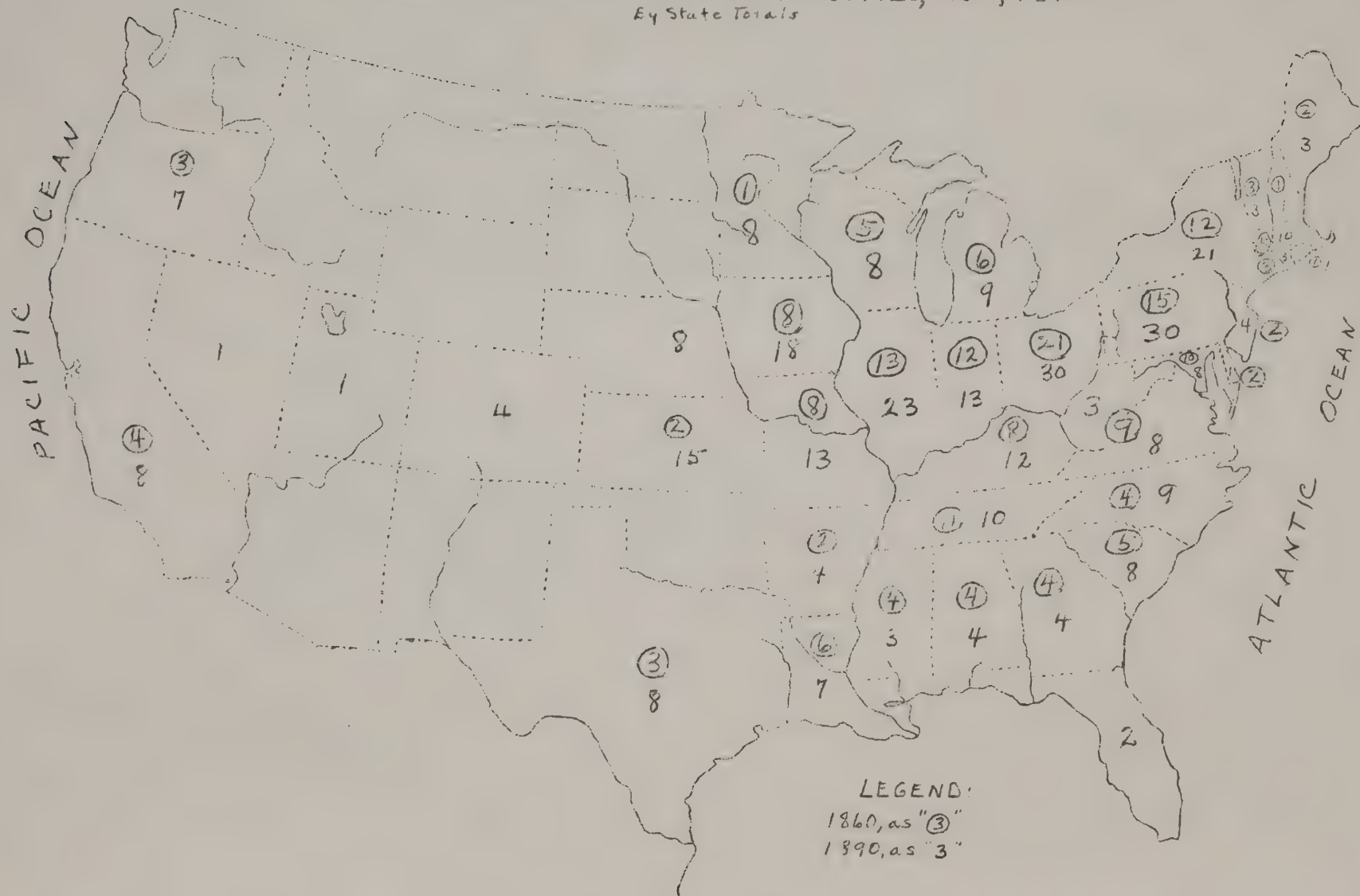


D. AREA OF MOST TENANT FARMERS, 1879
25% OR MORE BY STATES

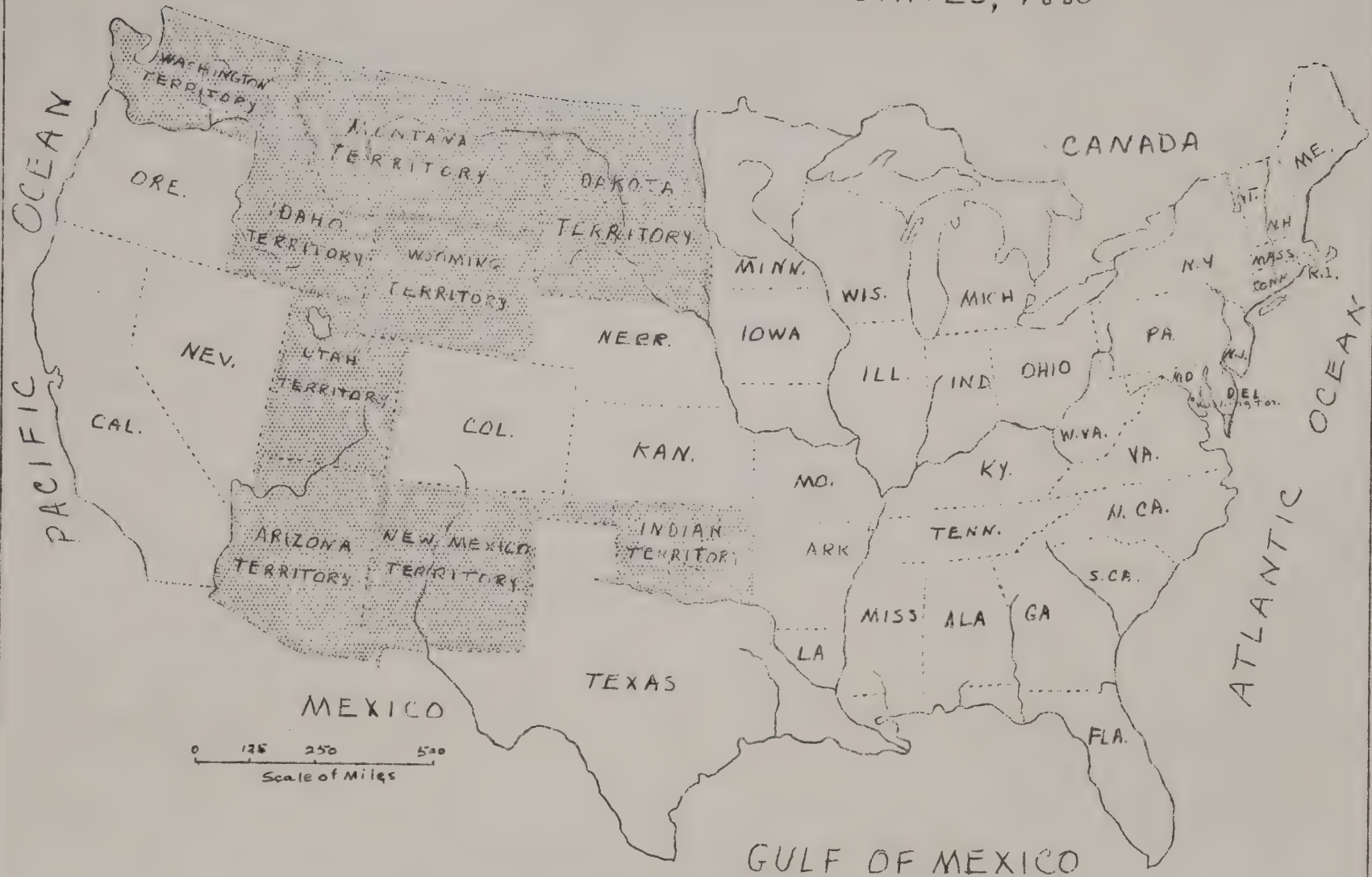


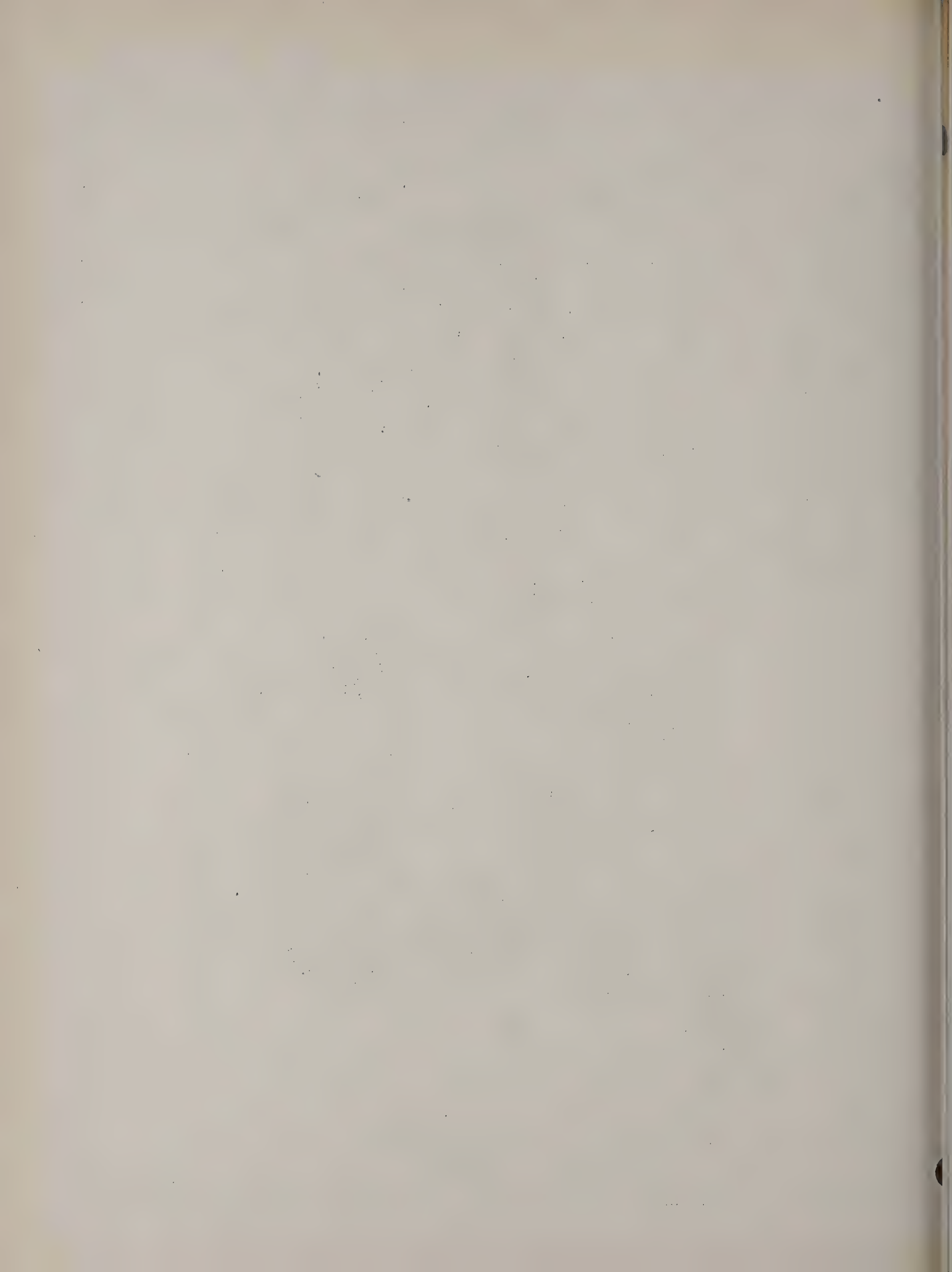
COLLEGES AND UNIVERSITIES, 1860, 1890

By State Totals



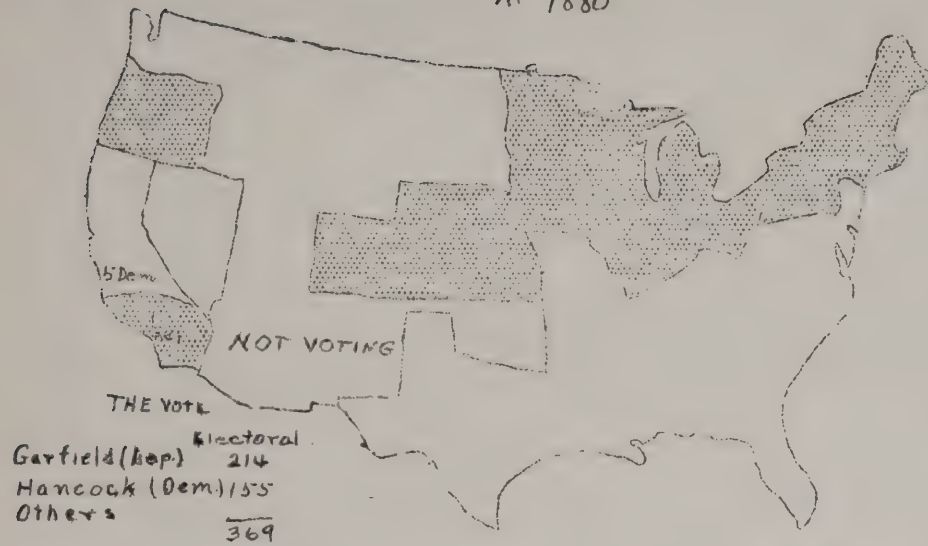
POLITICAL UNITED STATES, 1880



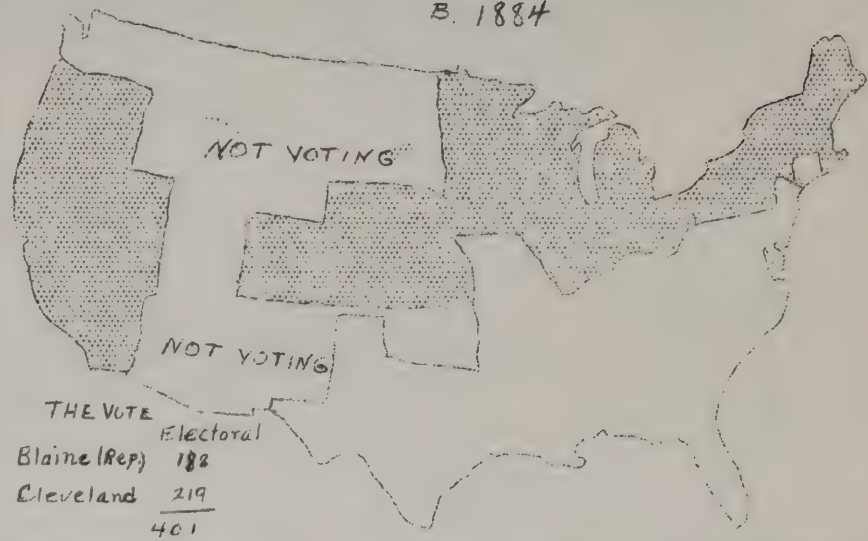


PRESIDENTIAL ELECTIONS, 1880-1892

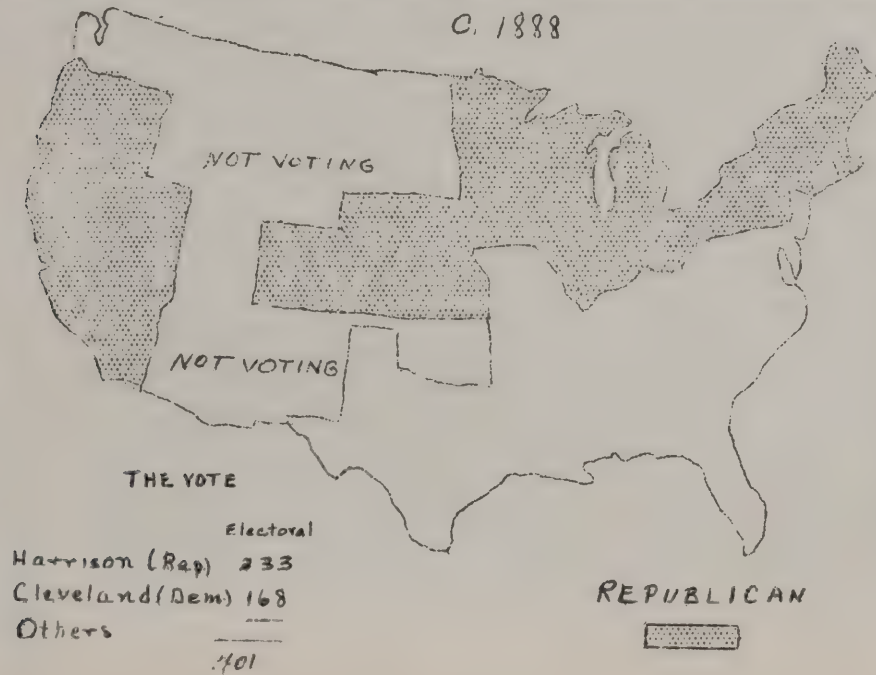
A. 1880



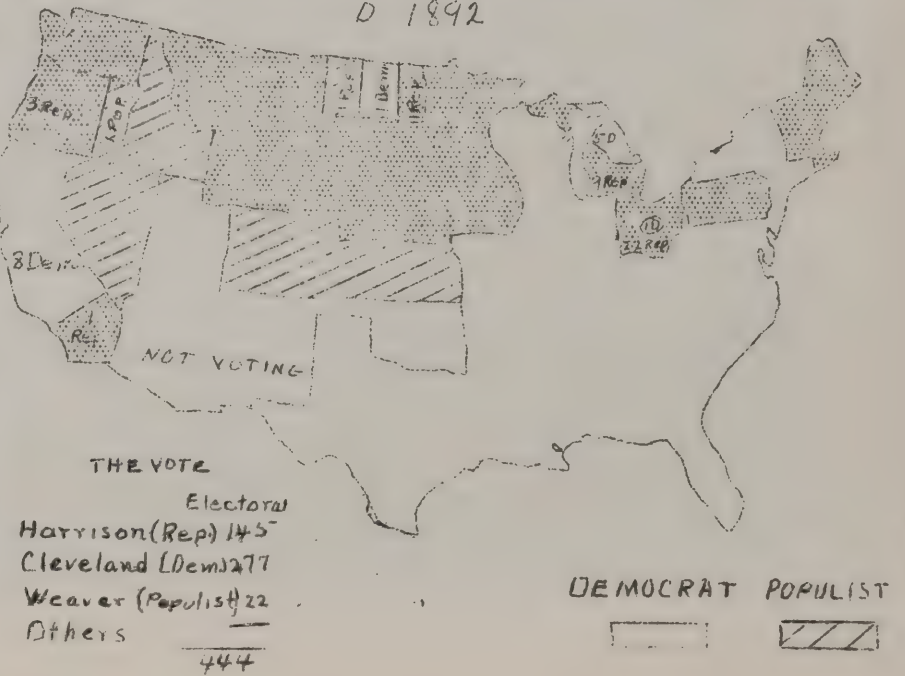
B. 1884



C. 1888



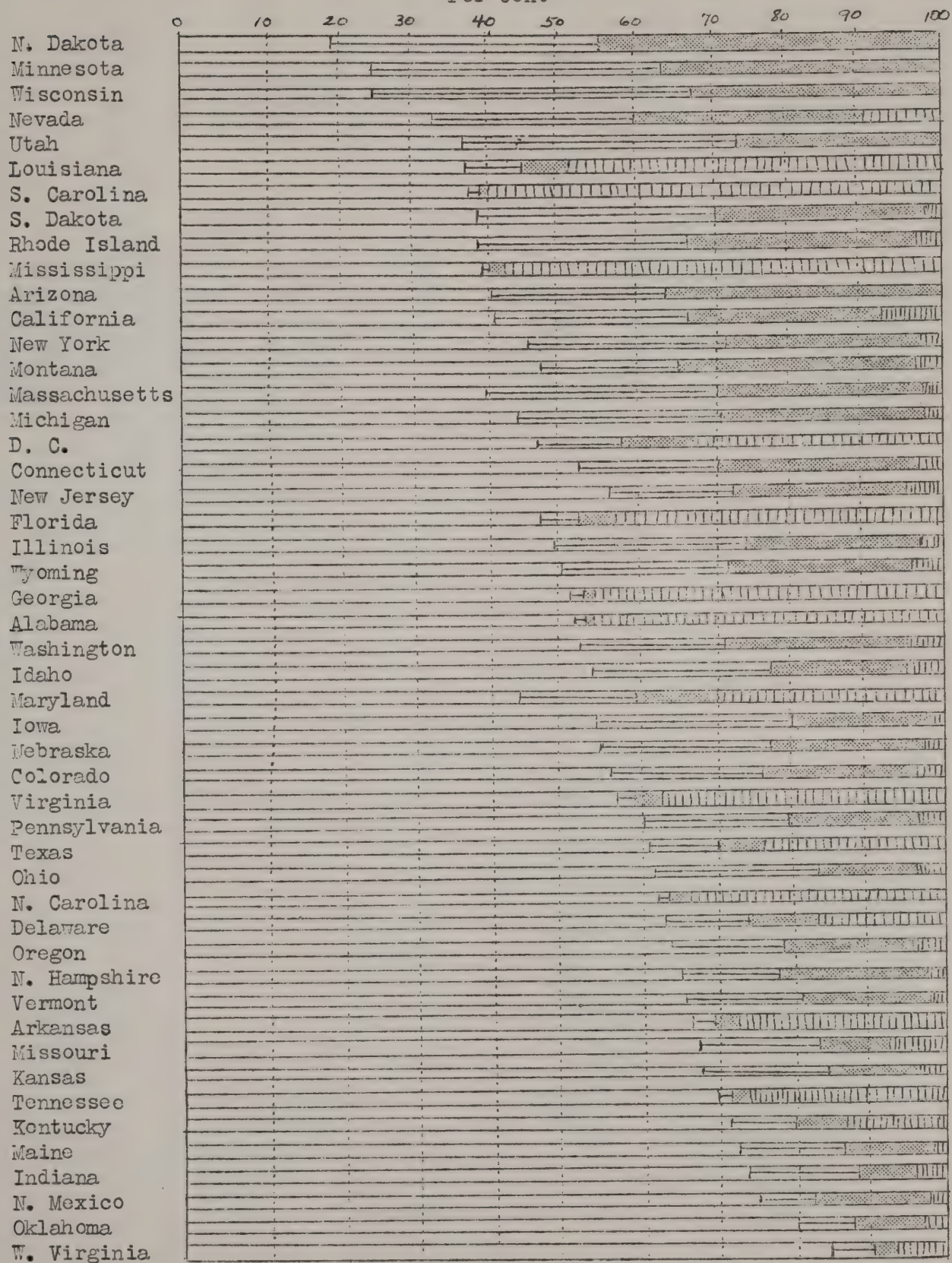
D. 1892



COMPOSITION OF POPULATION OF THE UNITED STATES, 1890

Exclusive of Indians

Per Cent

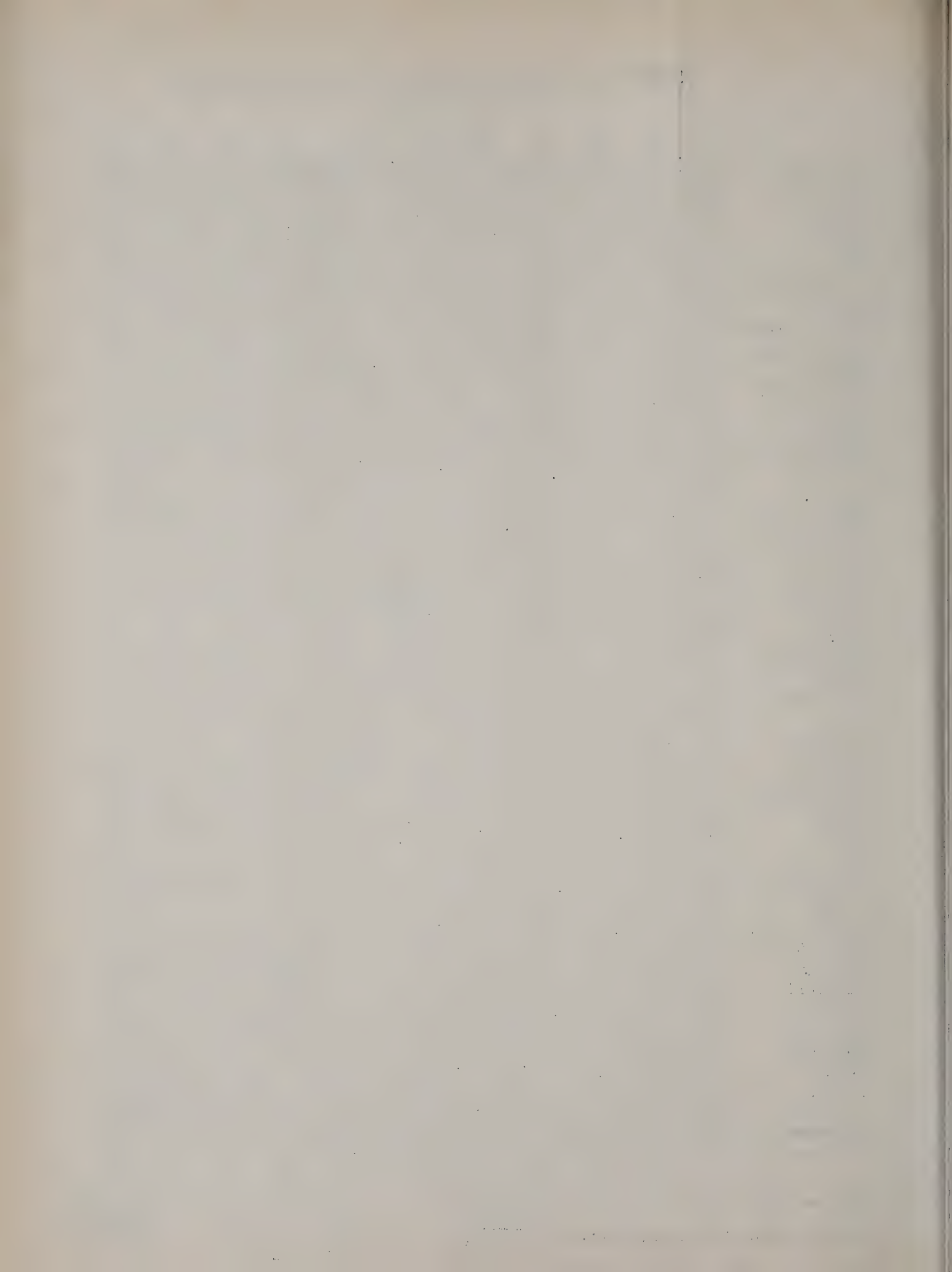


Native White of Native Parents

Native White of Foreign Parents

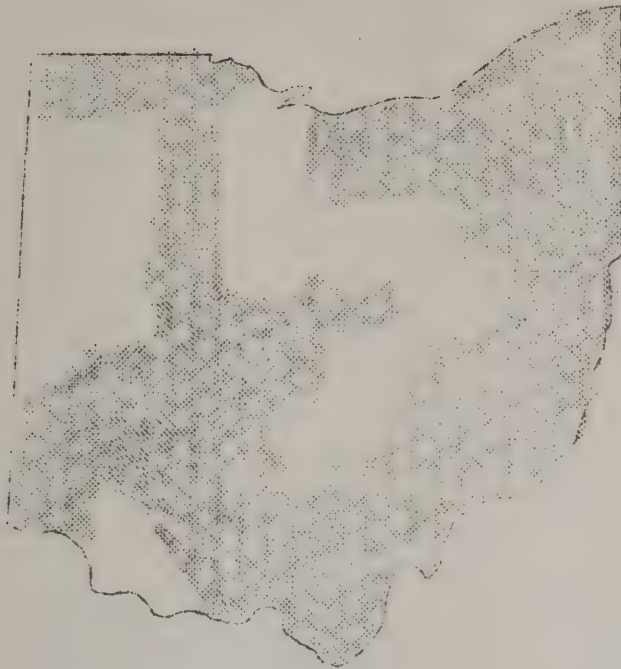
Foreign Born Whites

Total Colored

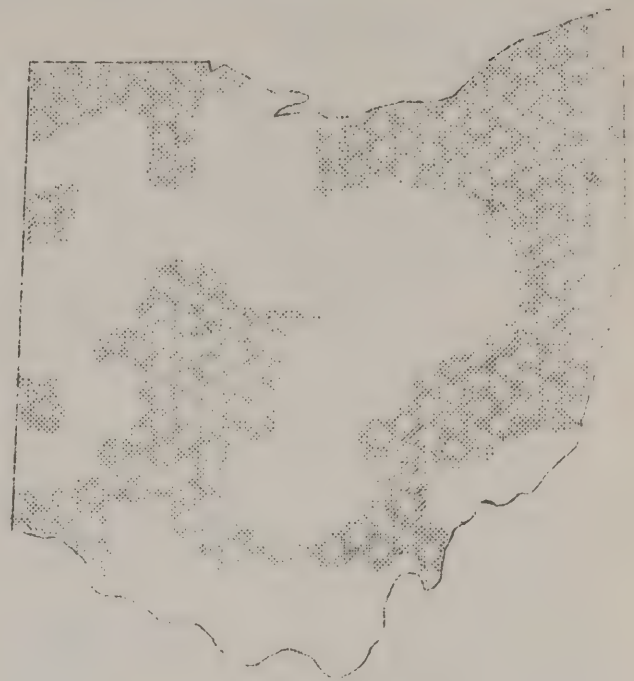


MAJOR POLITICAL PARTIES IN NATIONAL ELECTIONS, 1900-1920

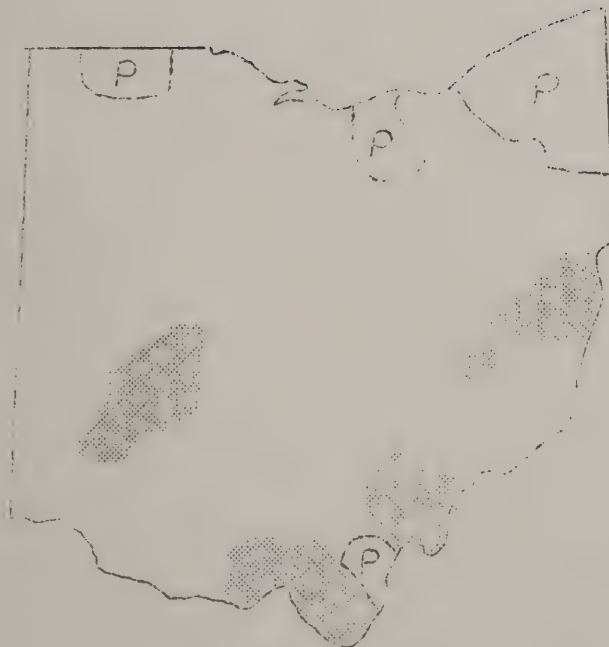
A. 1900



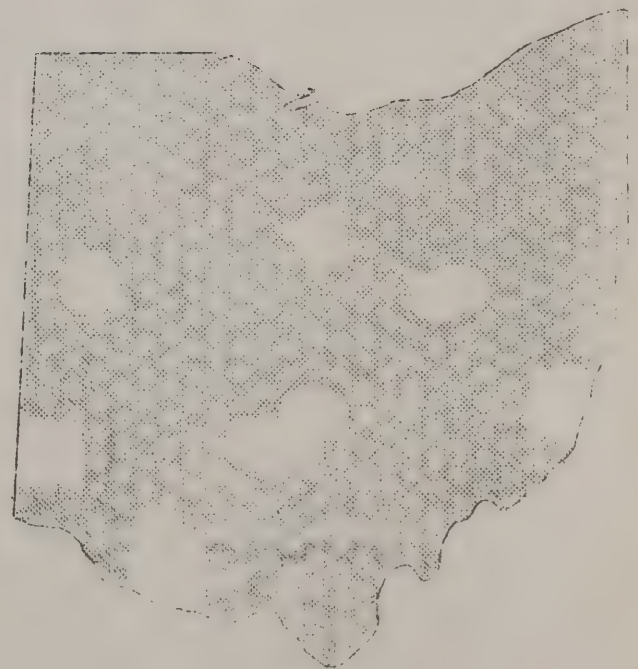
B. 1908



C. 1912



D. 1920



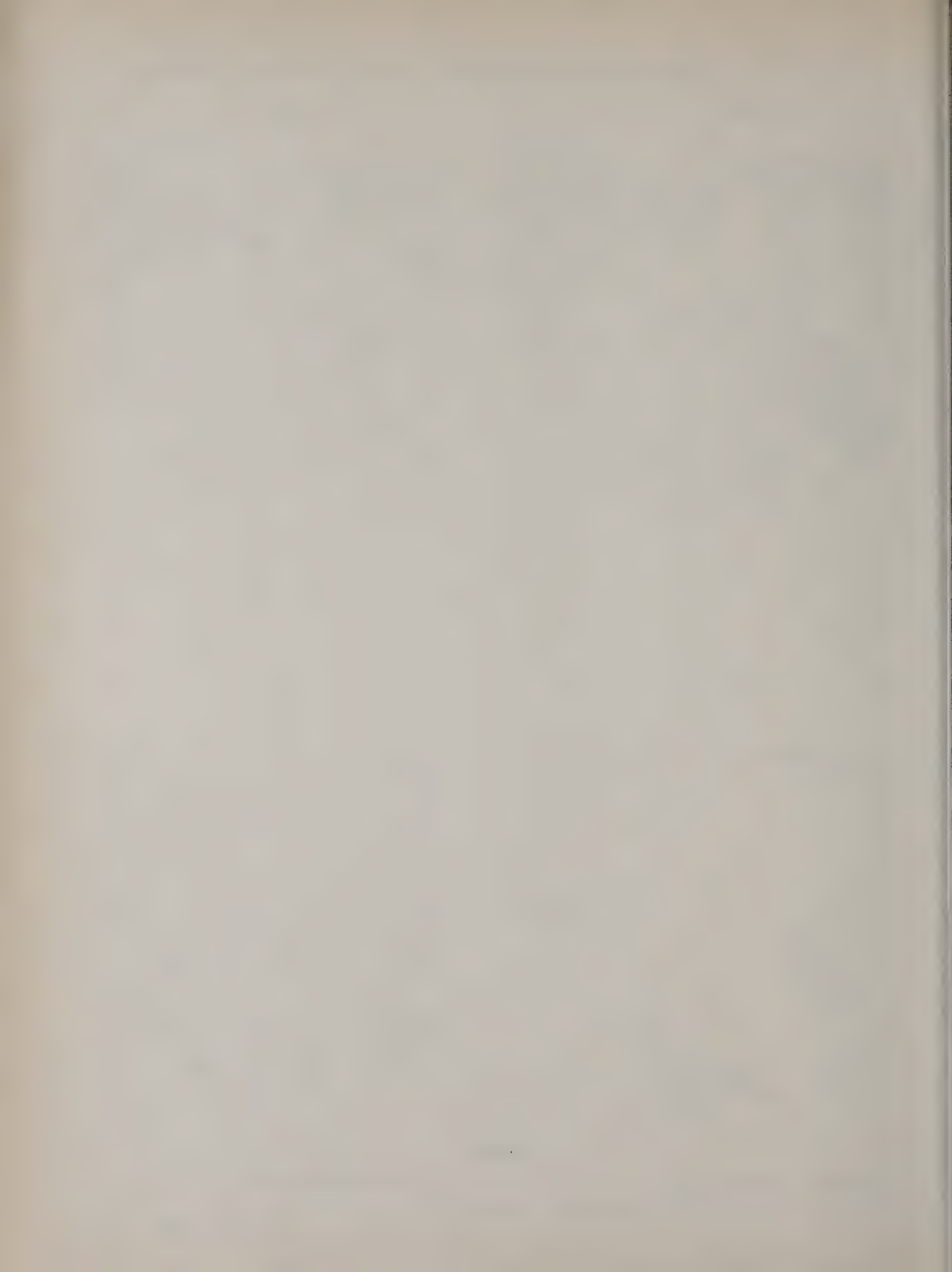
LEGEND:

Republican Party

Democratic Party

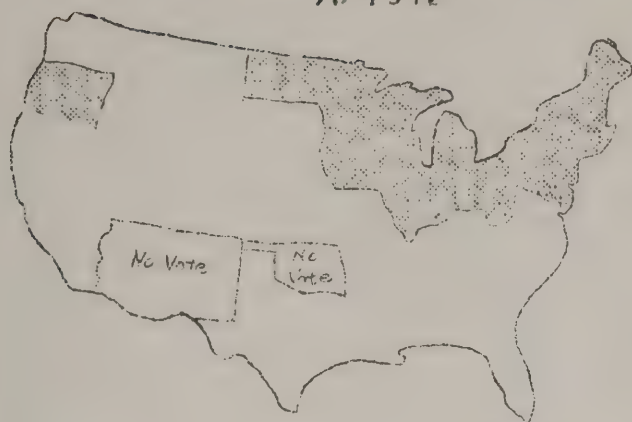
Progressive Party: P

(C) OHIO ATLAS



NATIONAL ELECTIONS: 1896-1908

A. 1896



B. 1900



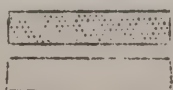
C. 1904

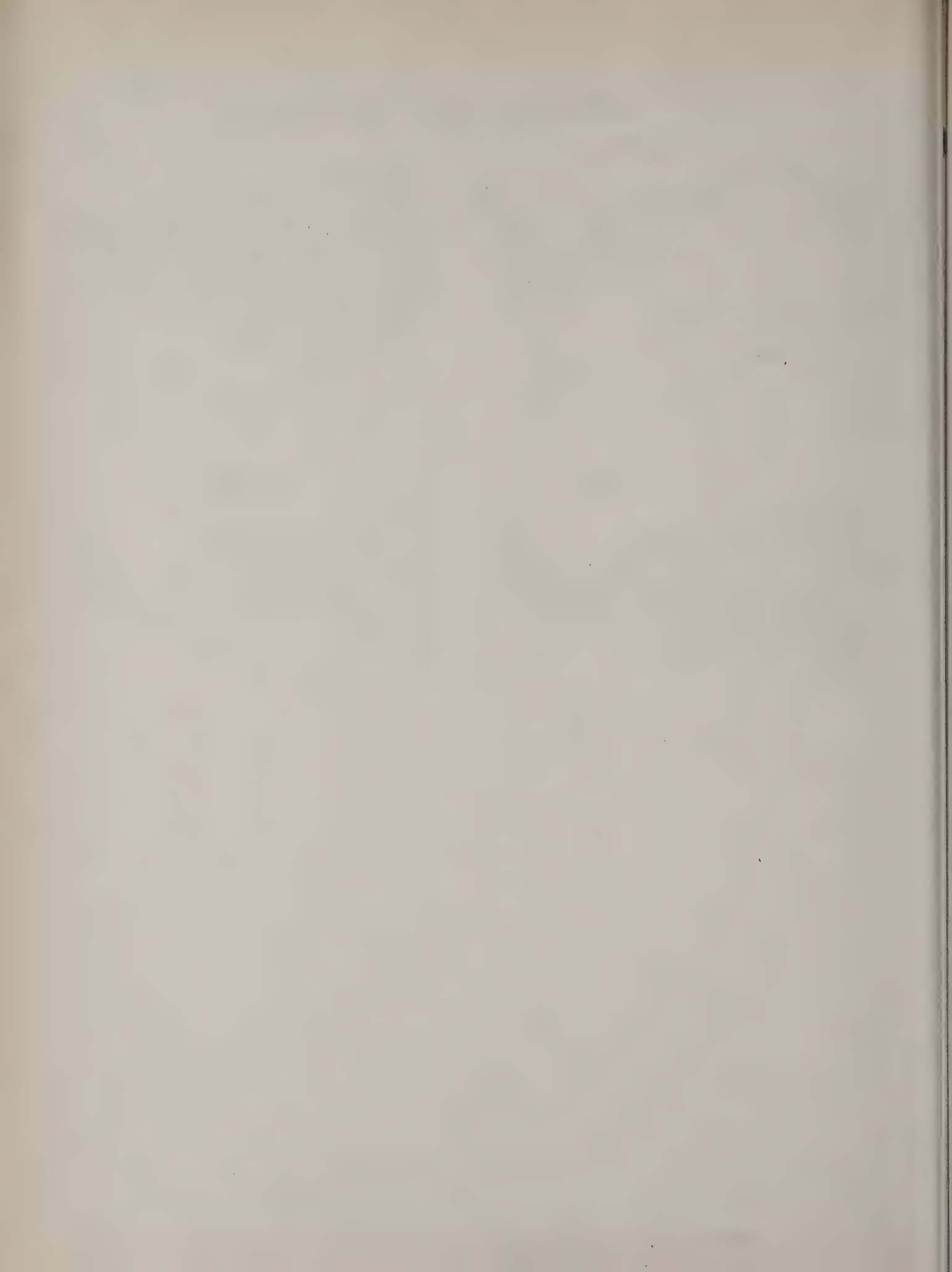


D. 1908



REPUBLICAN
DEMOCRAT







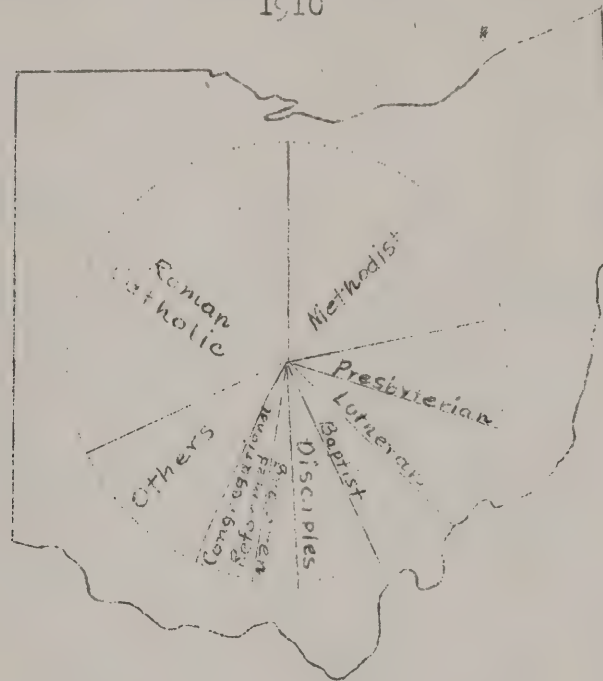


TOTAL POPULATION AND CHURCH MEMBERSHIP, 1906, 1910

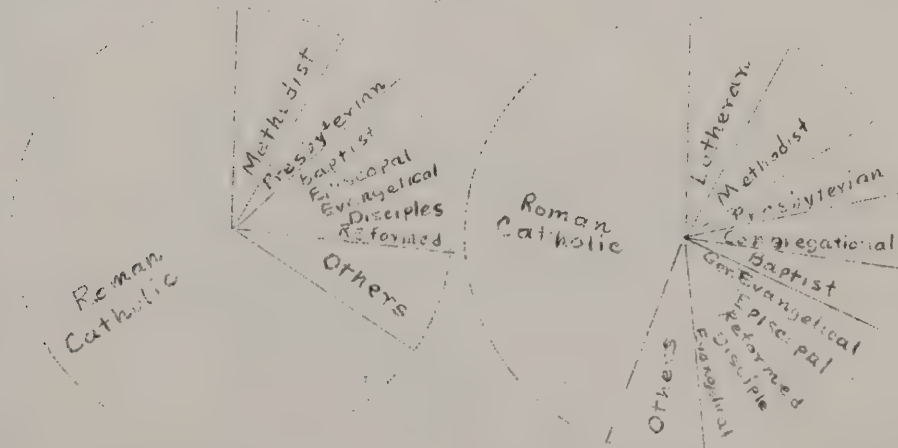
A. Certain Cities, 1906:

	Protestant	Catholic	All other Bodies	Not Church Members
Columbus				
Toledo				
Cleveland				
Cincinnati				

B. Ohio's Proportionate Church Membership 1910



Proportionate Church Membership or Communicants 1906



C. Cincinnati

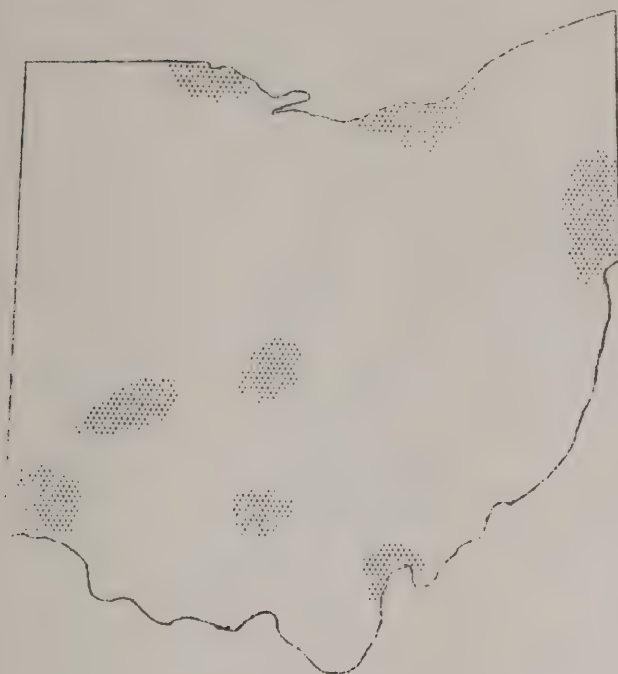
D. Cleveland

POPULATION ANALYSIS, 1900: NEGRO, IMMIGRATION

A. Areas of most Negro Population

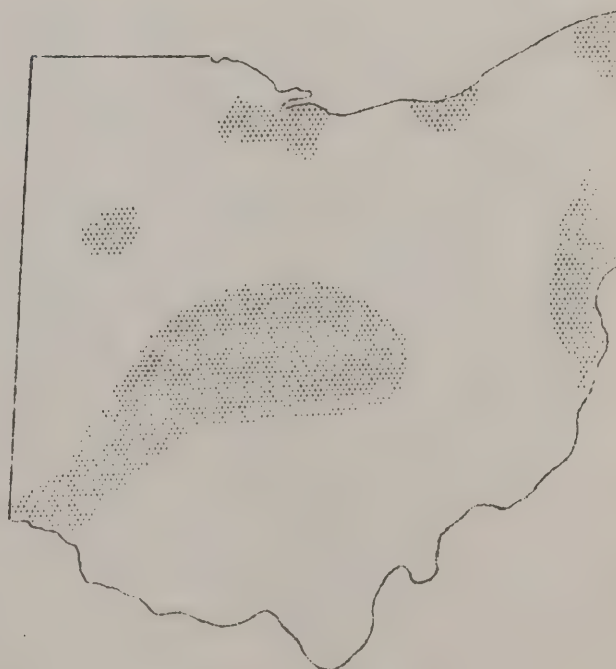
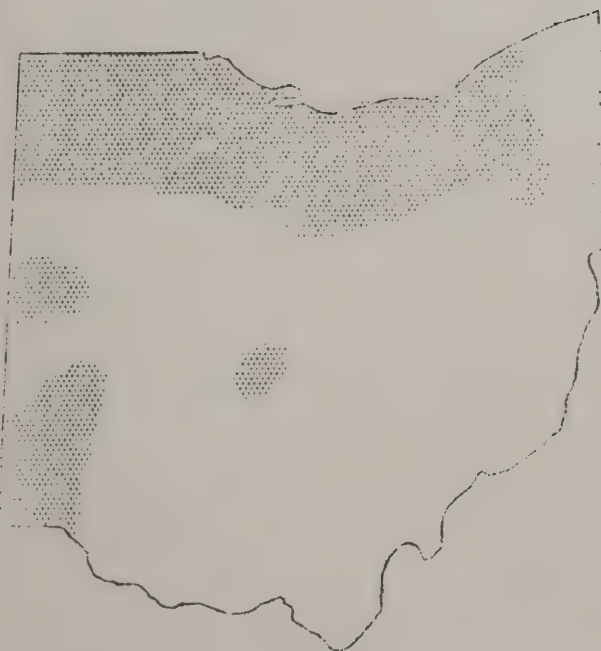
B. Areas of the most Foreign Born

-76-



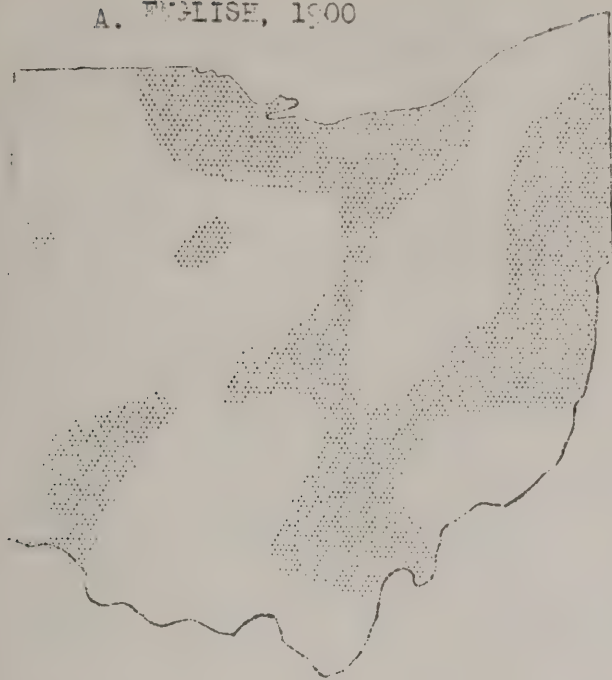
C. Most German Immigration

D. Most Irish Immigration



POPULATION ANALYSIS: NATIONALITY AND IMMIGRATION, 1900, 1-10

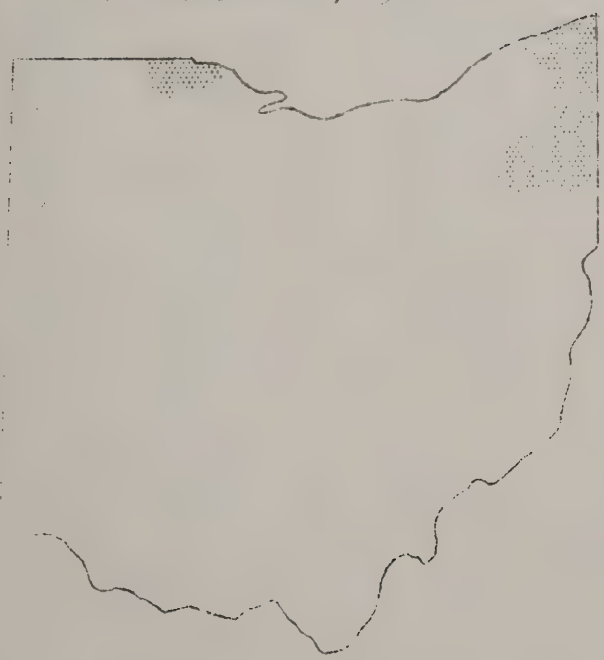
A. ENGLISH, 1900



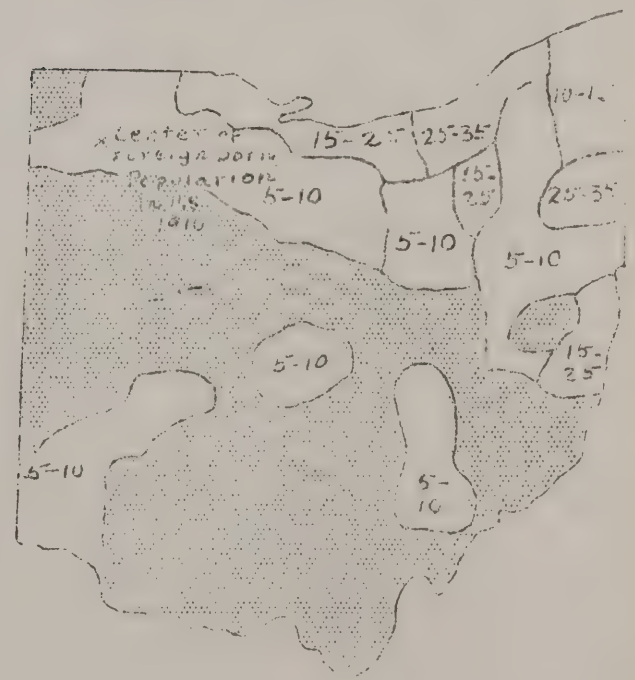
B. CANADIAN, 1900



C. SCANDINAVIAN, 1900



D. PER CENT OF FOREIGN BORN WHITE TO TOTAL POPULATION, 1910



OCCUPATIONS, HOME OWNERSHIP; INDUSTRIAL ANALYSIS, 1899-1929

A. Proportion of Persons by Occupation, 1900

<input type="checkbox"/> Agriculture	<input type="checkbox"/> Mfg.	<input type="checkbox"/> Trade-Transport	<input type="checkbox"/> Domestic & Personal	<input type="checkbox"/> Professional
--------------------------------------	-------------------------------	--	--	---------------------------------------

B. Ownership Status of Urban Homes, 1900

<input type="checkbox"/> Paid for	<input type="checkbox"/> Mortgaged	<input type="checkbox"/> Rented
-----------------------------------	------------------------------------	---------------------------------

C. Ownership Status of Farm Homes, 1900

<input type="checkbox"/> Paid for	<input type="checkbox"/> Mortgaged	<input type="checkbox"/> Rented
-----------------------------------	------------------------------------	---------------------------------

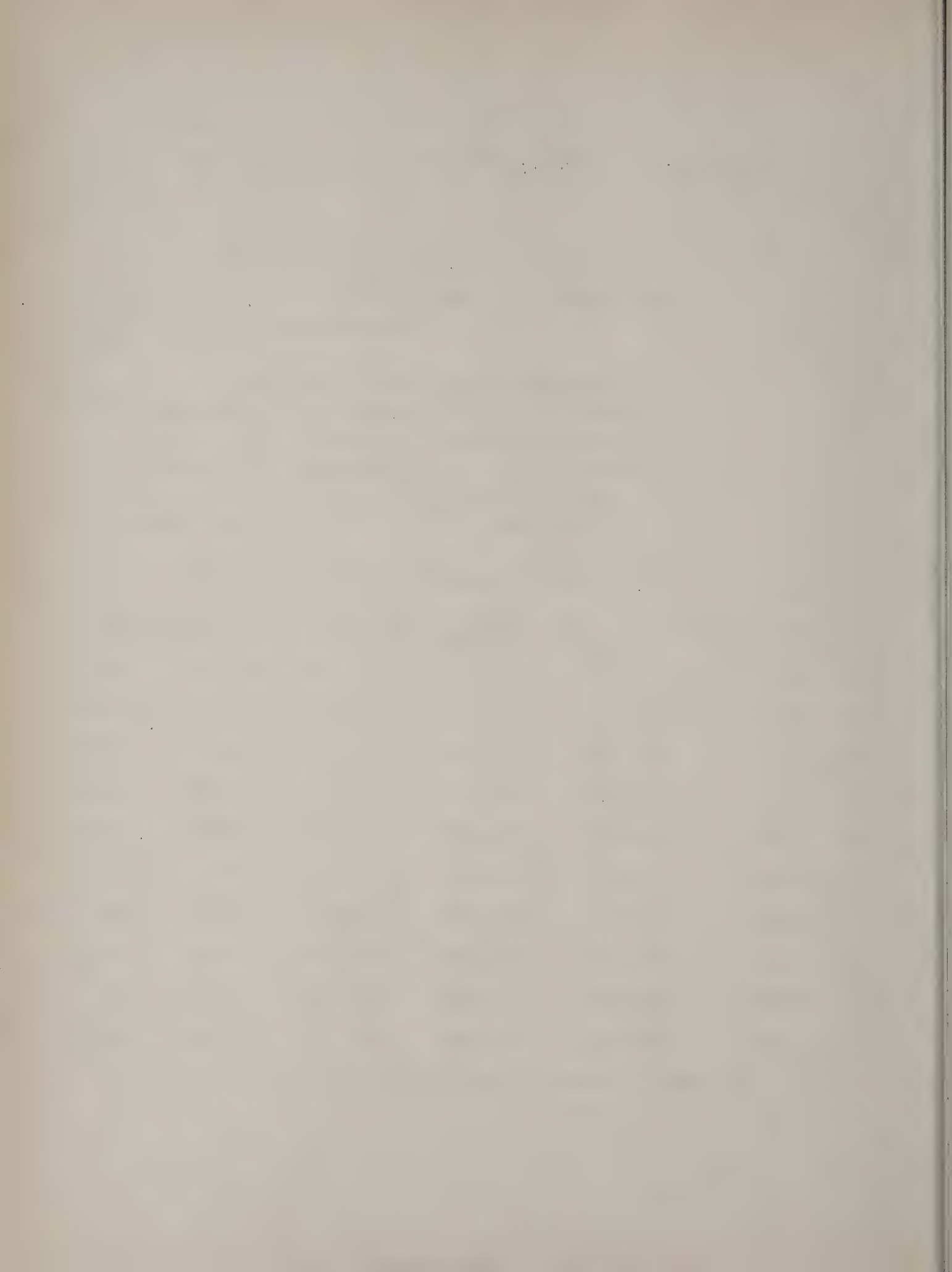
D. Ownership Status of Farms, 1900

<input type="checkbox"/> Paid for	<input type="checkbox"/> M. Rented
-----------------------------------	------------------------------------

E. Summary of Manufactures for Ohio, 1899-1929

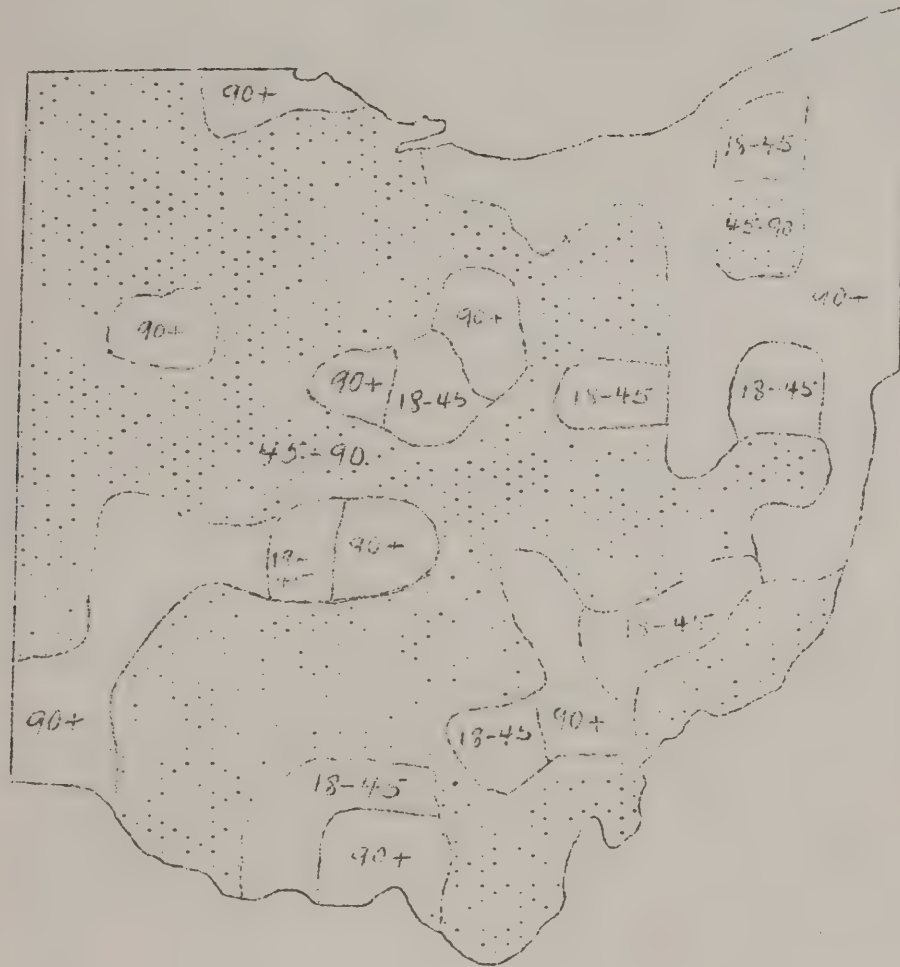
Year	No. of Establishments	No. of Wage Earners	Amount of Wages*	Value of Products*	Value added by Manufacture*	Cost of Materials
1929	11,855	471,143	\$1,102,156	6,027,903	\$2,389,804	\$3,138,095
1927	10,961	669,097	968,181	5,230,323	2,353,197	2,877,126
1925	11,137	676,742	975,812	5,347,522	2,317,836	3,029,586
1923	11,195	699,132	979,500	5,146,515	2,327,347	2,909,167
1921	11,479	494,288	627,033	3,300,593	1,381,602	1,919,090
1919	16,125	730,733	944,652	5,100,309	2,168,361	2,911,948
1914	15,658	510,435	317,924	1,782,808	702,026	1,020,752
1909	15,138	445,934	245,450	1,437,536	613,734	824,202
1904	13,785	364,298	132,430	950,812	433,175	527,537
1899	13,868	308,109	136,428	478,571	339,368	409,303

Automobile repairing is included for 1919 and 1929



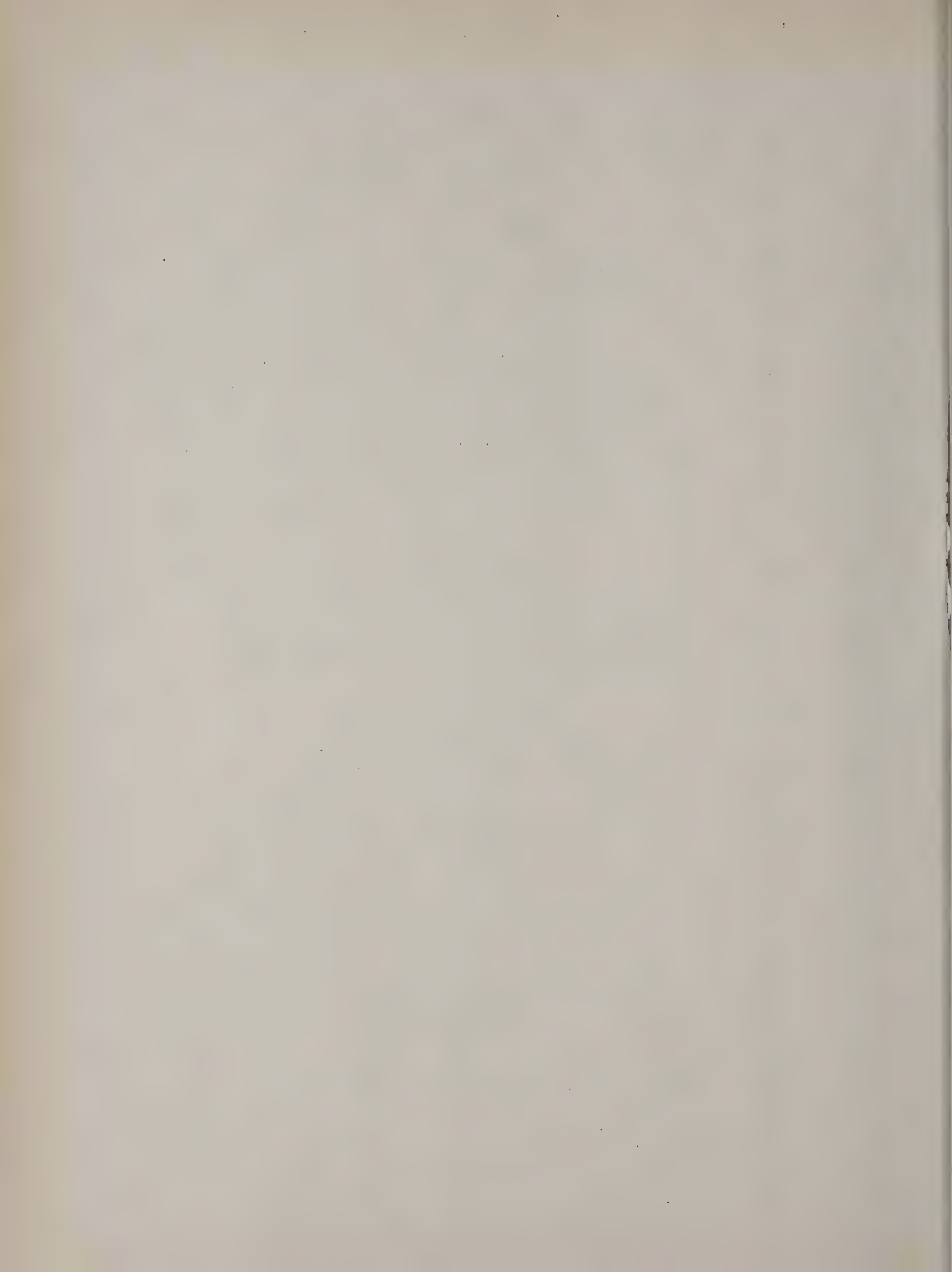
POPULATION DENSITY, 1920

A. Total Population Density per Square Mile, 1920



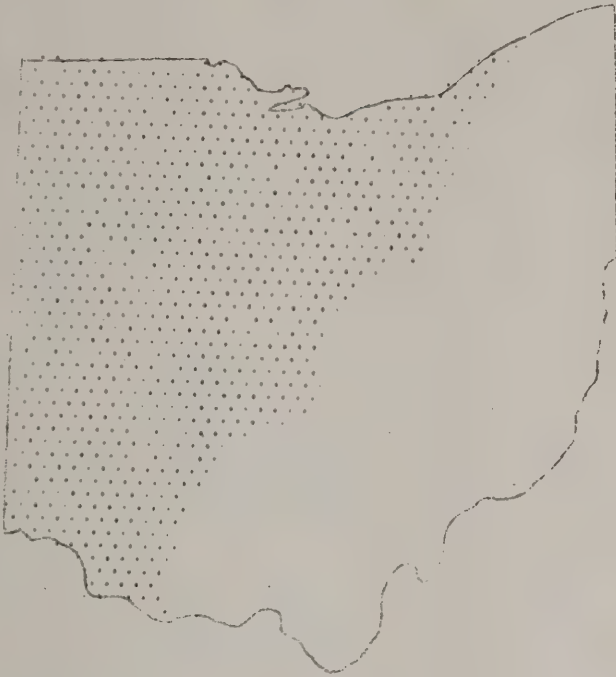
B. Rural Population Density per Square Mile, 1920





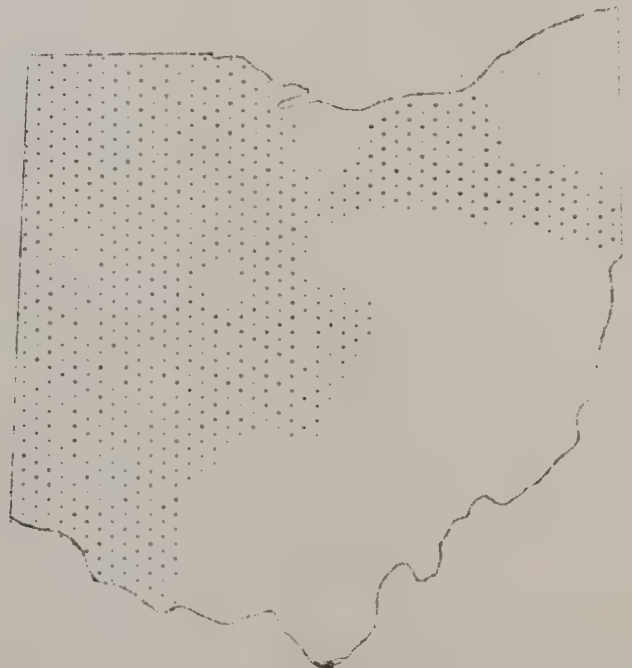
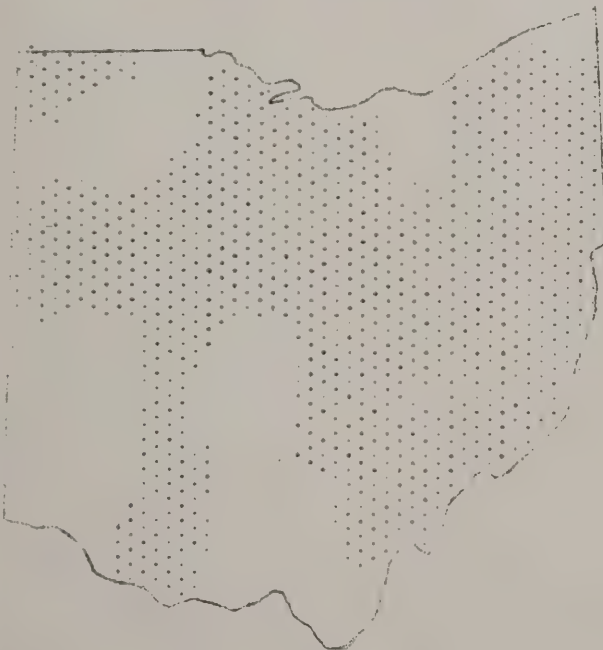
A. Area of most Farm Production by Value

B. Area of most Cattle Raising

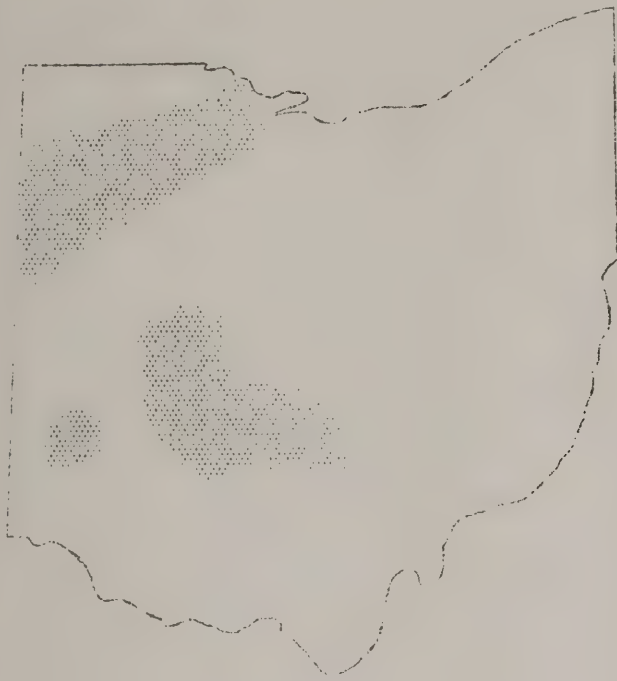


C. Area of most Sheep Production

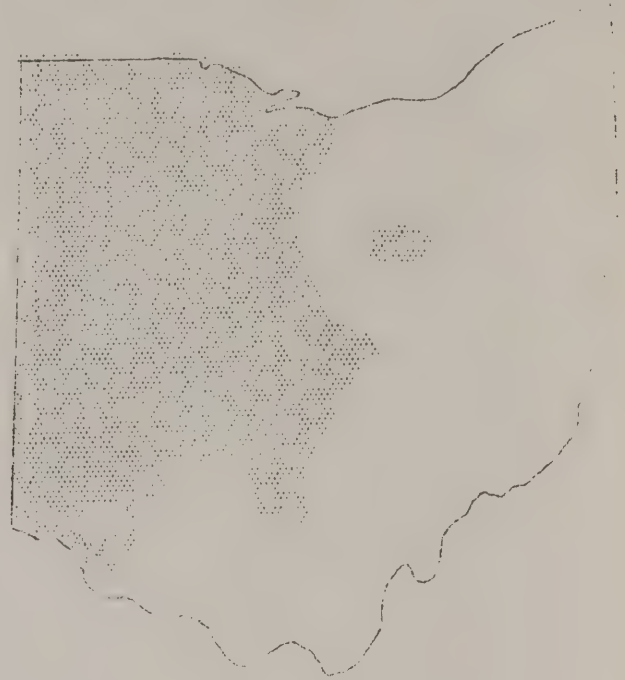
D. Area of most Horse Raising



A. Area of Most Production of all Grains



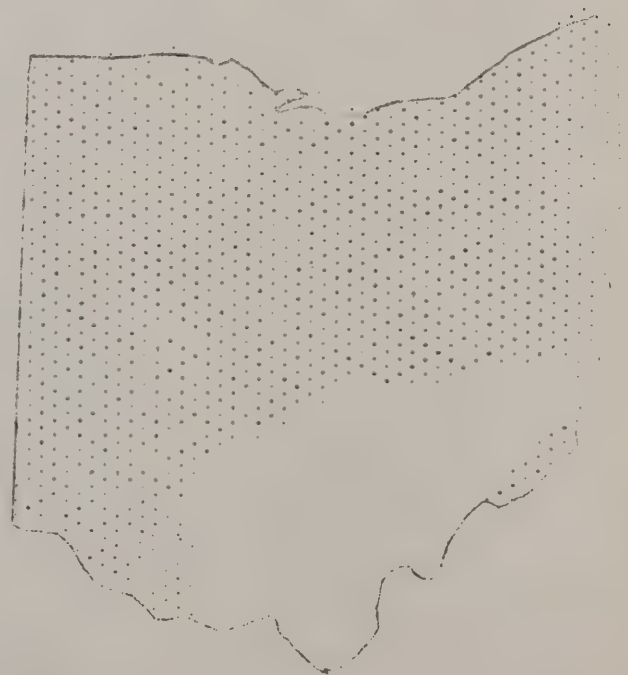
B. Area of Most Production of Corn



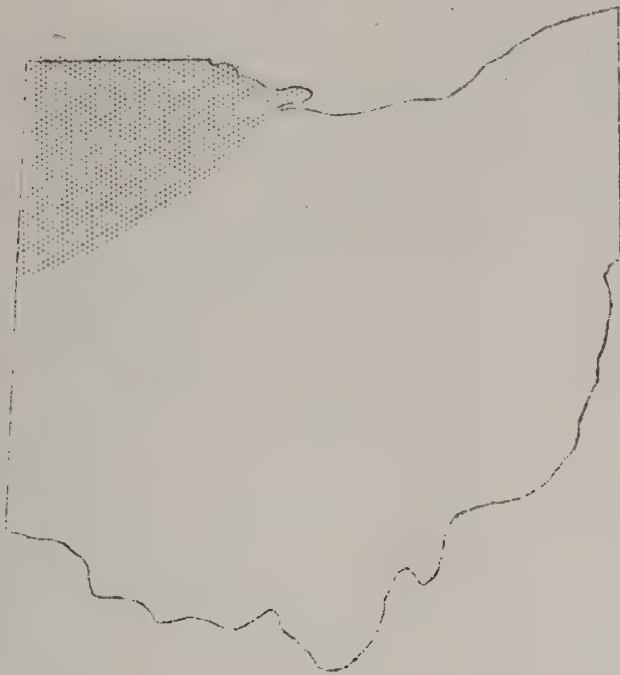
C. Most Wheat Production



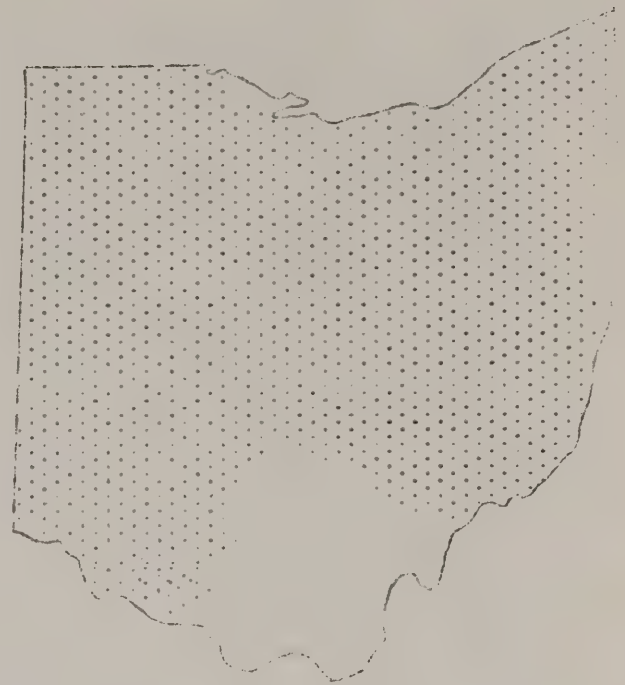
D. Most Oats Production



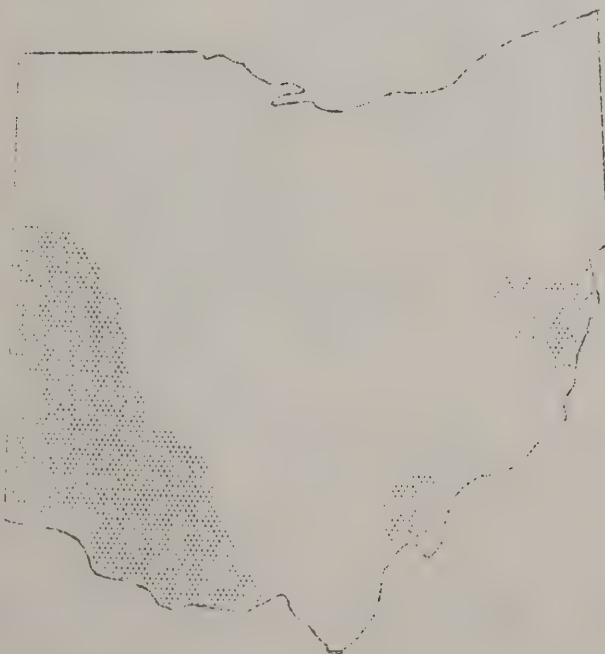
A. Area of most Barley



B. Area of most Hay and Forage



C. Area of Most Tobacco Production

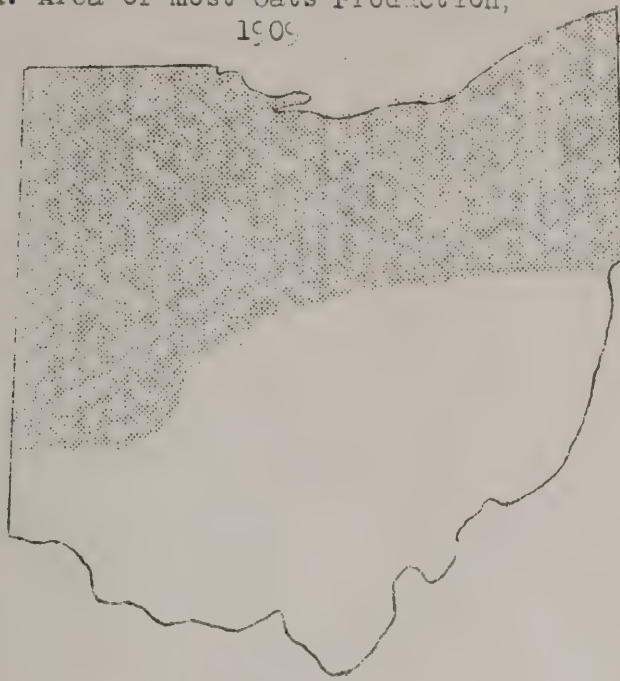


D. Potato Production

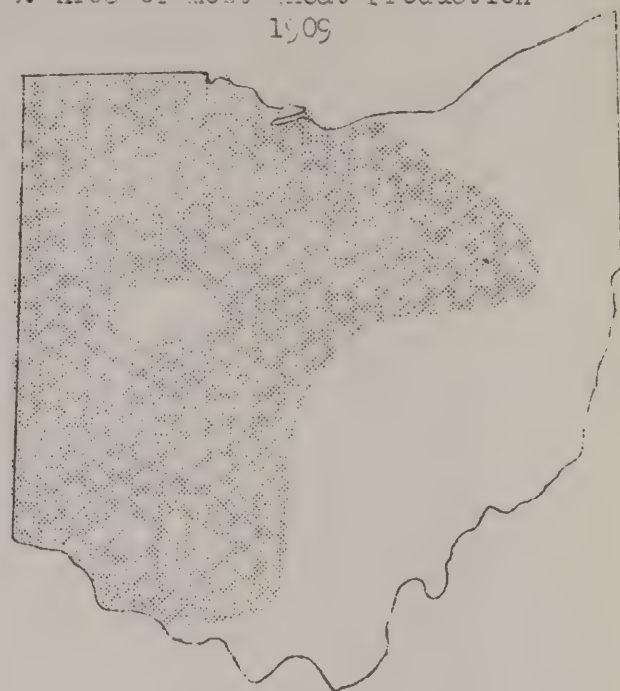


AGRICULTURAL PRODUCTION, 1909; FARM TENANCY, 1910

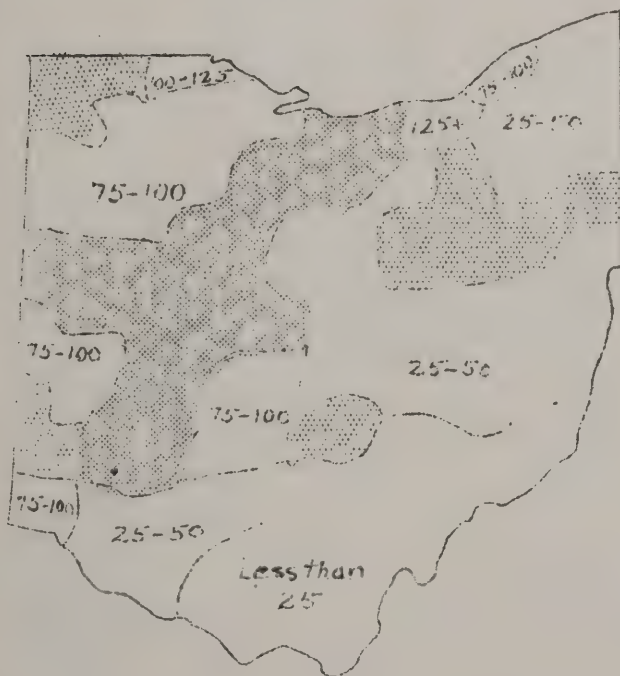
A. Area of most Oats Production,
1909



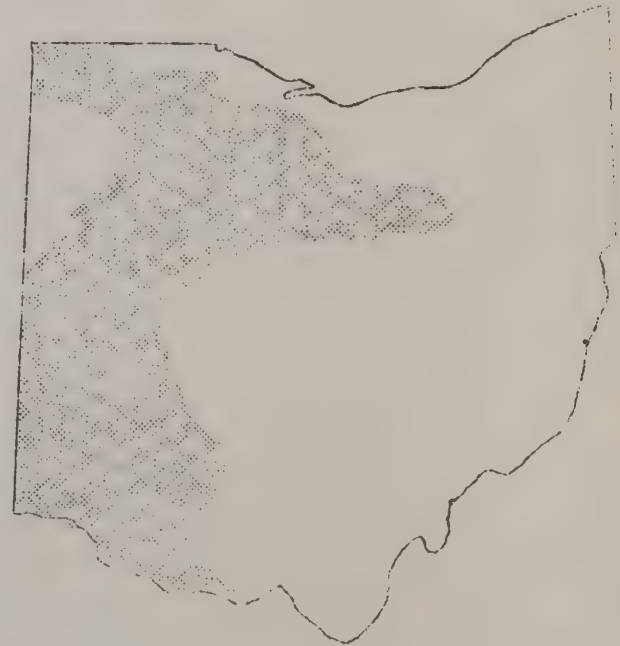
B. Area of most Wheat Production
1909



C. Dollar Value of Farm Land per Acre
1910

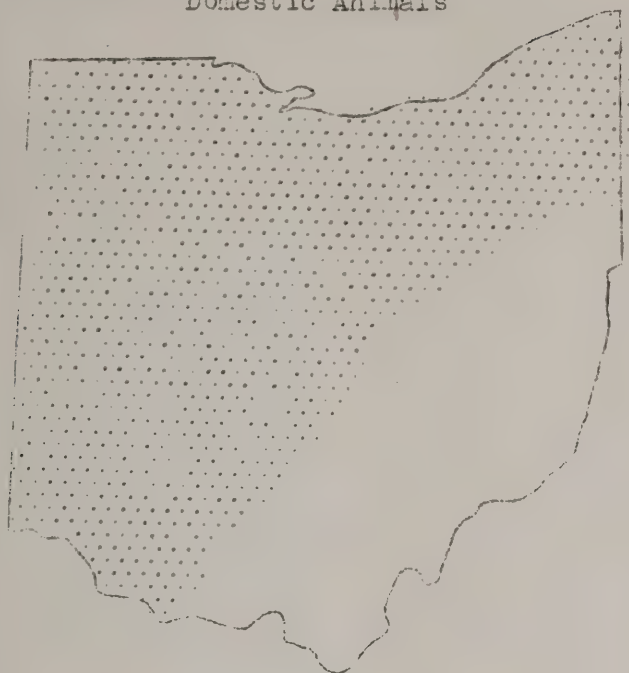


D. Area of most Farm Tenantry, 1910

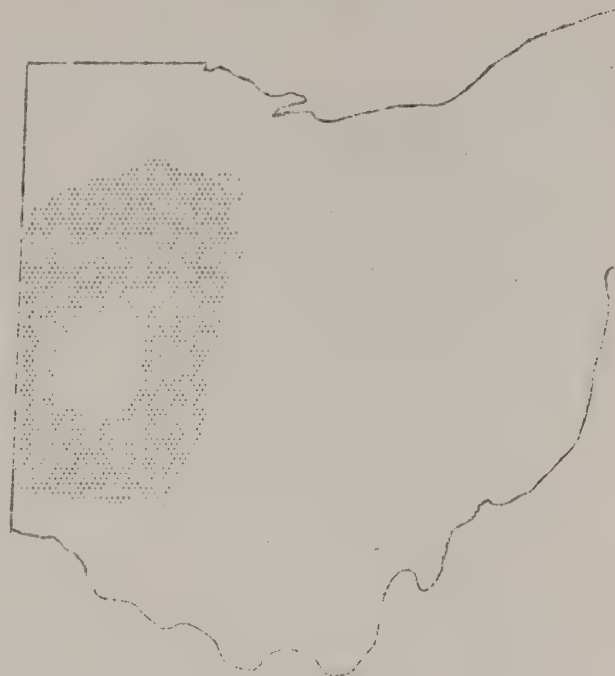


\$50-75 per Acre

A. Area of High Value for
Domestic Animals



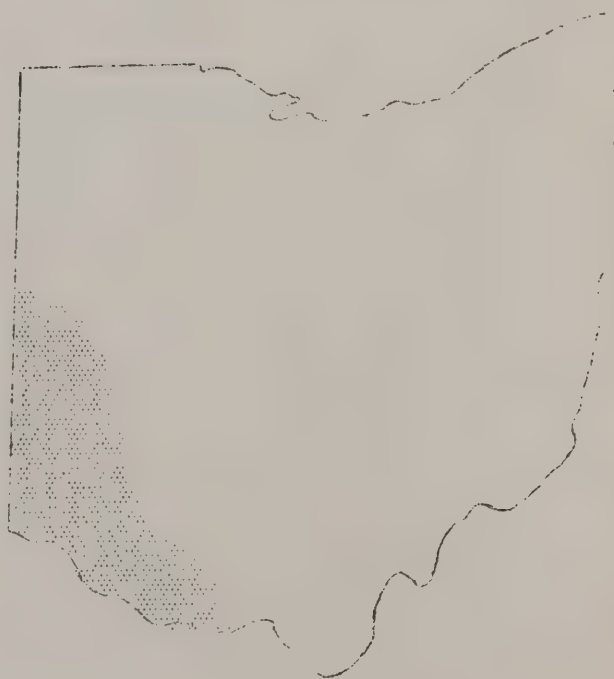
B. Most Hog Production



C. Highest Value for Farm Buildings



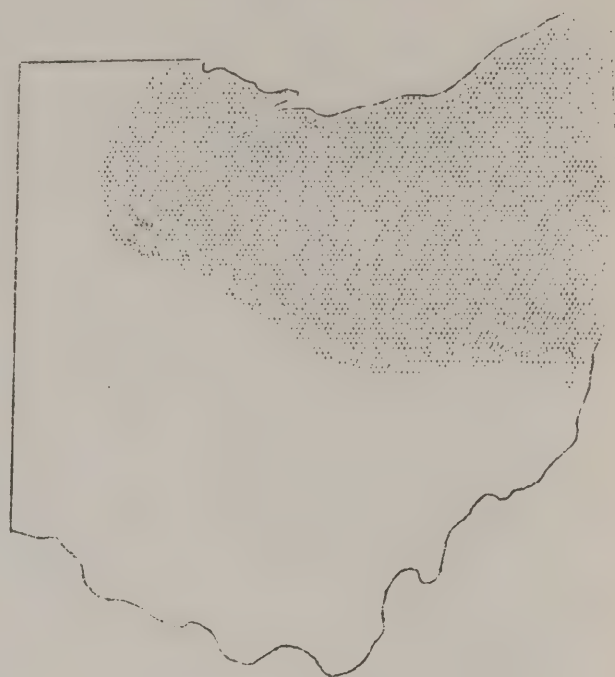
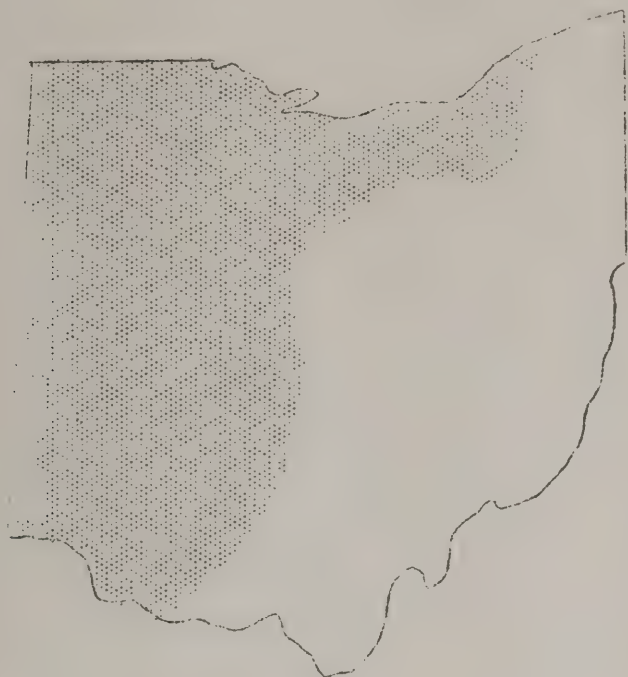
D. Tobacco Production



AGRICULTURAL PRODUCTION, 1910

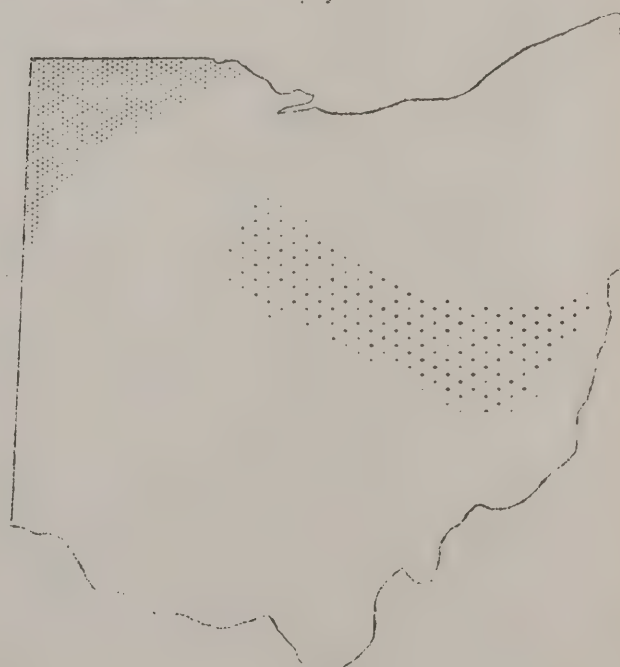
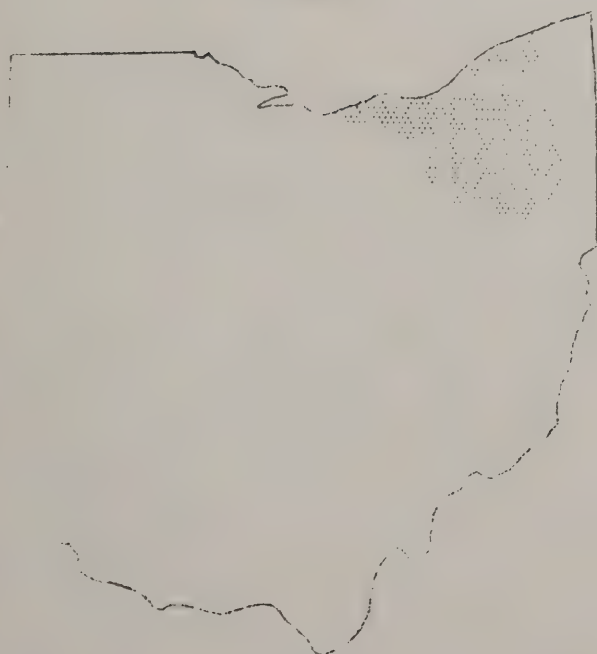
A. Greatest Value, all Farm Crops

B. Chief Hay and Forage Areas



C. Potatoes (Most)

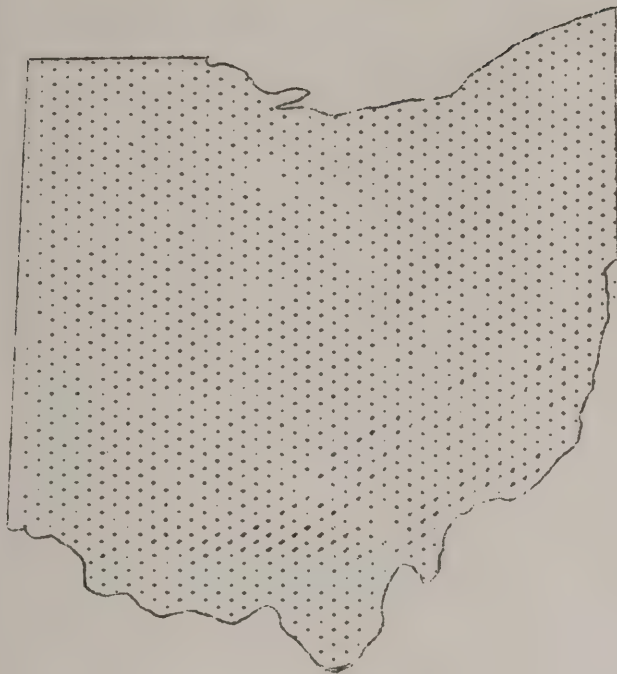
D. Poultry; Sheep (Most)



AREA OF MOST FRUIT PRODUCTION, 1900

A. Apple Production

B. Grapes; Pears



Pears 
Grapes 

C. Cherries

D. Peaches



A. Location of Blast Furnaces



B. Location of Steel Works and Rolling Mills



C. Area of Coal Production

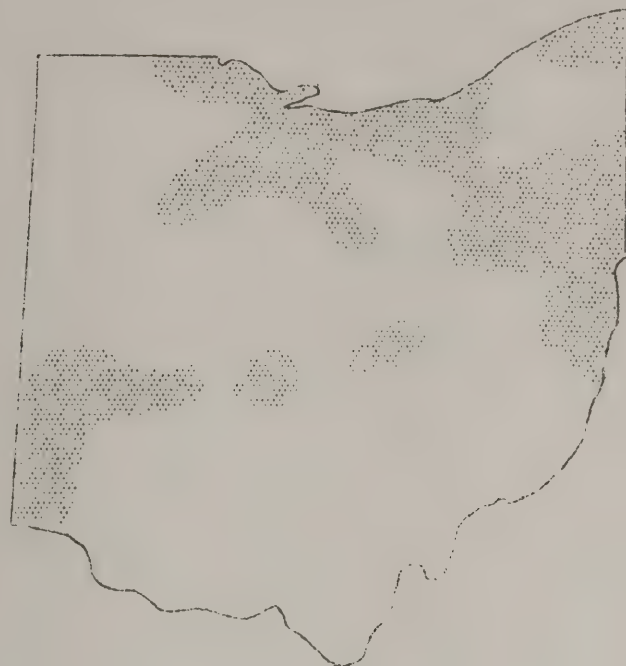


D. Cotton Textiles (Marysville);
Cities with Population of more than
30,000 in 1919

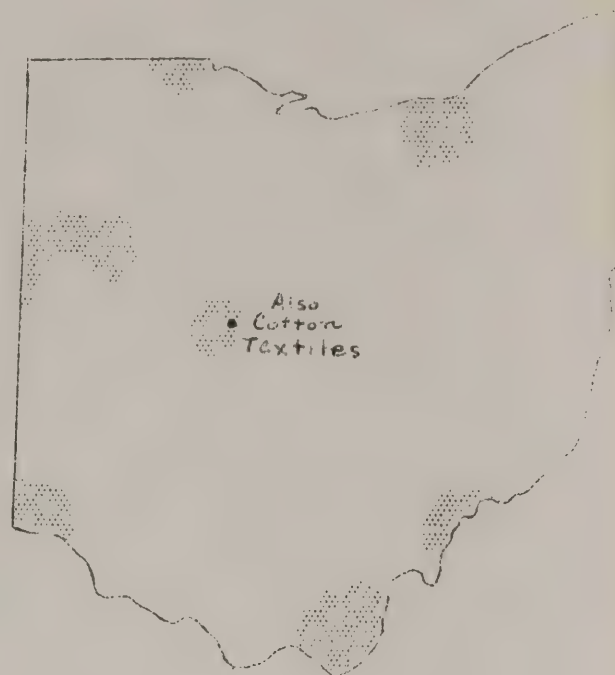


INDUSTRIAL PRODUCTION AND INDUSTRIAL MATERIALS, 1910

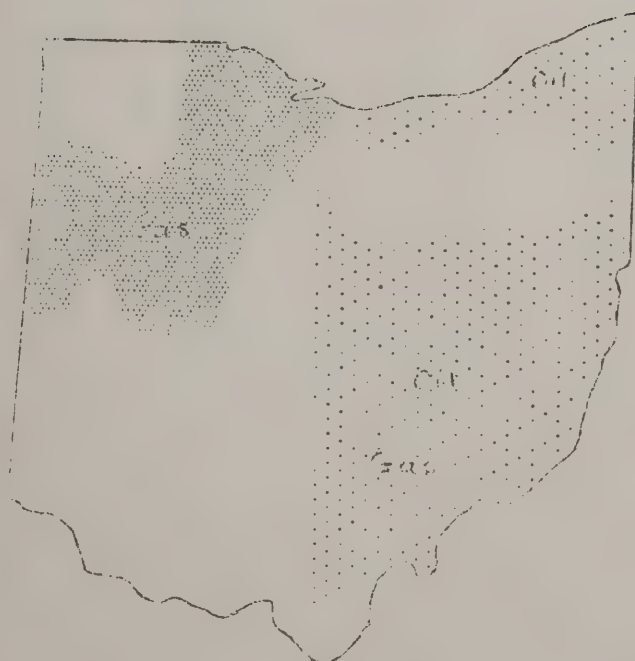
A. Areas of Greatest Value of Manufactures, 1910



B. Highest Value for Wood Products, 1910



C. Oil and Gas Fields, 1909



D. Ohio's Rank among the States in the Mining Industry, 1902-1919

	1902	1909	1919
Value of Product.	5	4	7
Coal (bitumin.)	-	4	7
Limestone	-	4	2
Sandstone	-	-	2
Petrol. and Natural Gas	-	2	7

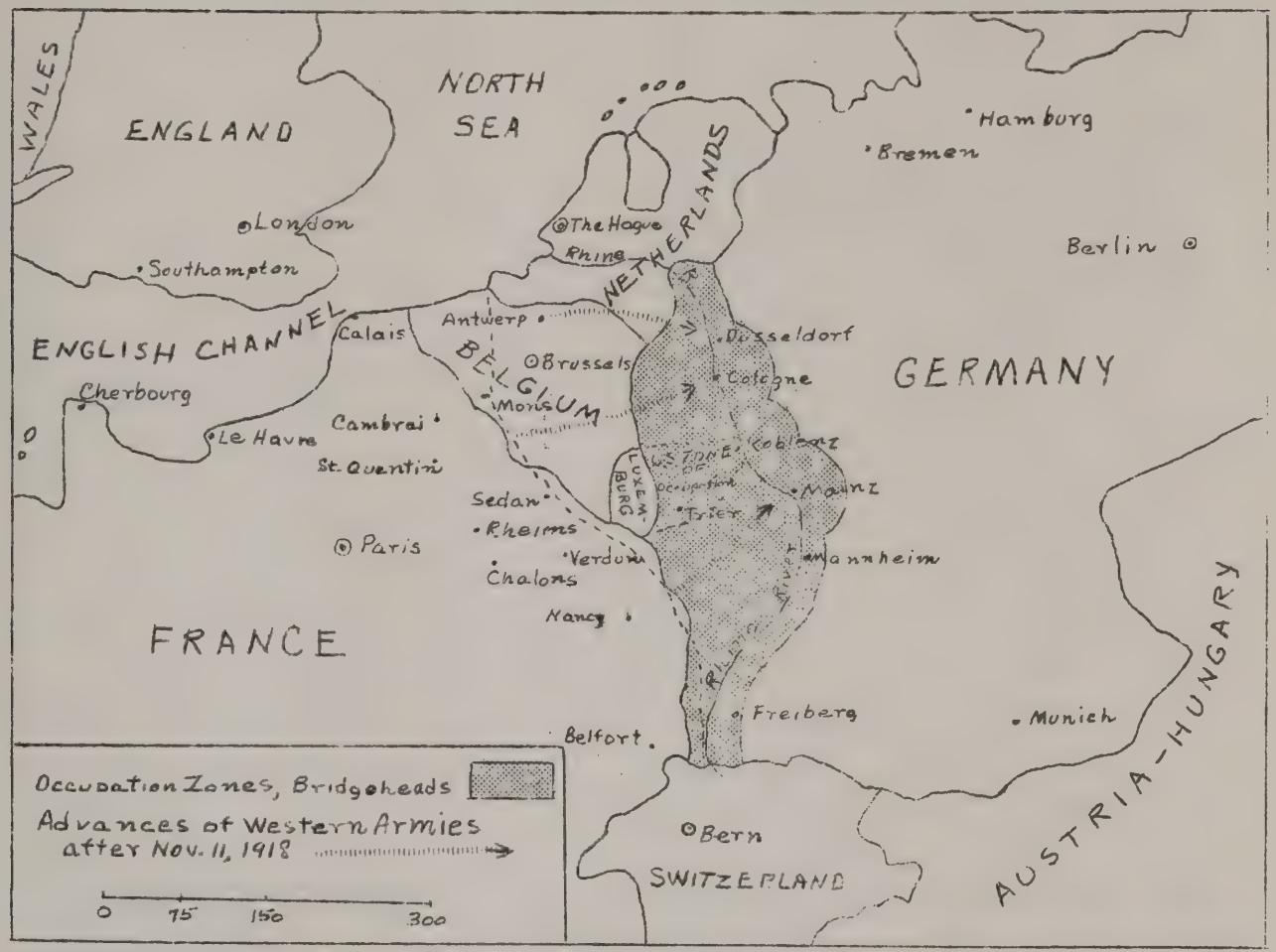
INTERURBAN ELECTRIC RAILWAYS ABOUT 1916



16 WHERE AMERICANS FOUGHT, 1917-1918, IN EUROPE



OCCUPATION OF GERMANY AFTER NOV. 11, 1918



AGRICULTURAL PRODUCTION, 1919, 1920

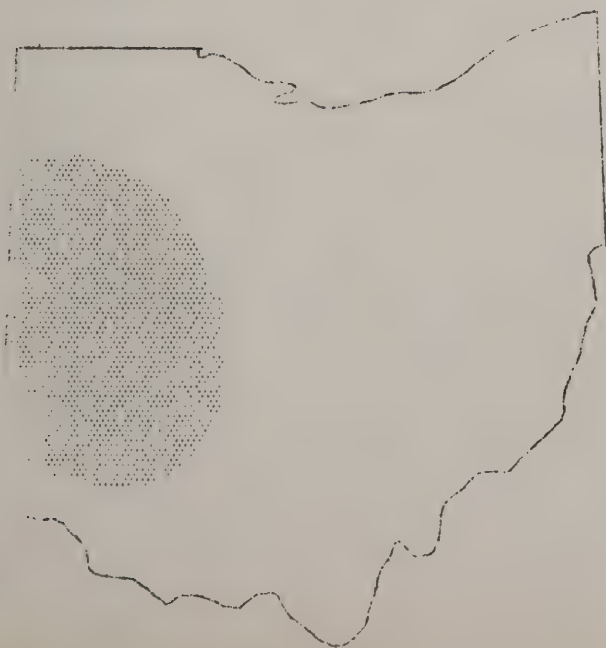
A. Ohio's Rank among the States in Farm Production:

	1909	1919
Eggs	3	4
Wool	3	5
Calves	--	10
Pigs	--	5
Overall Value	4	4
Theat	4	6
Corn	5	5
Buckwheat	5	3
Oats	5	9
Potatoes	7	11
Tobacco	4	6
Vegetables	--	5

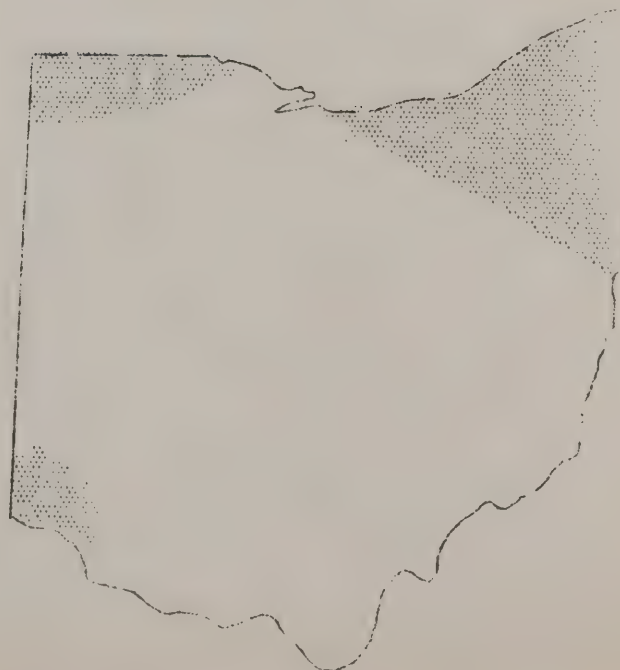
B. Area of most Automobiles on Farms, 1920



C. Area of most Hogs on Farms, 1920

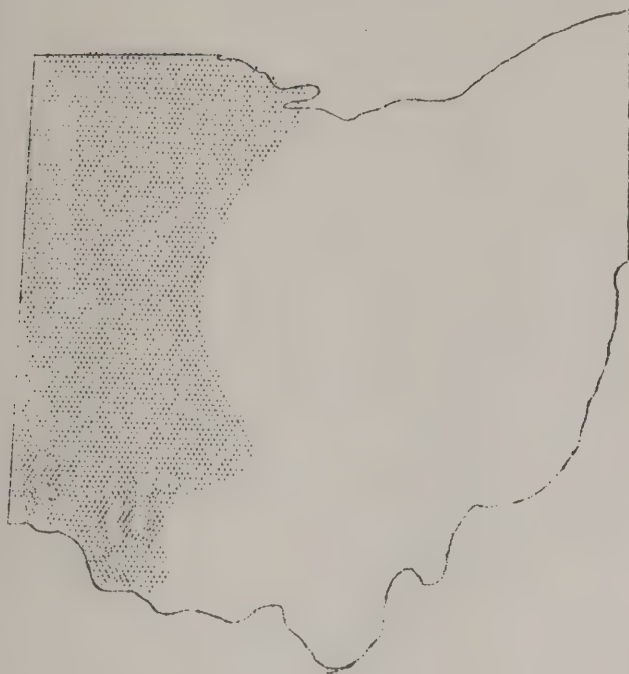


D. Area of most Dairy Products, 1920

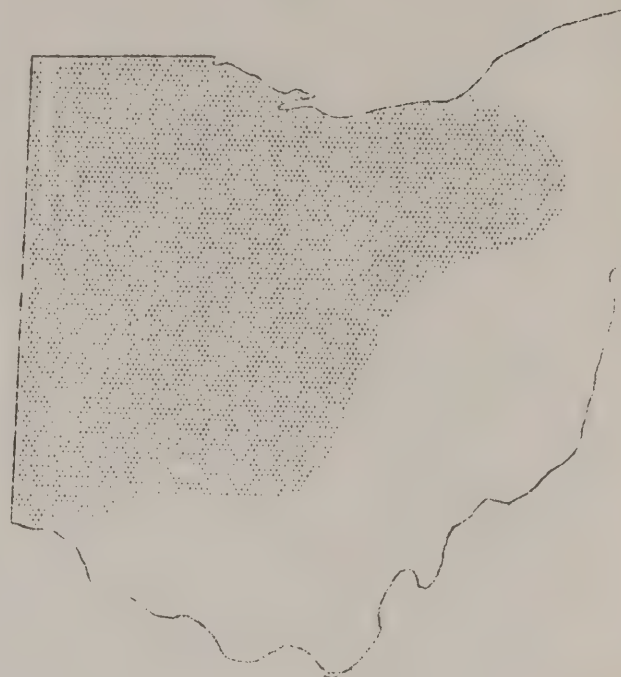


AREAS OF MOST AGRICULTURAL PRODUCTION, 1920: DRAINAGE, 1920

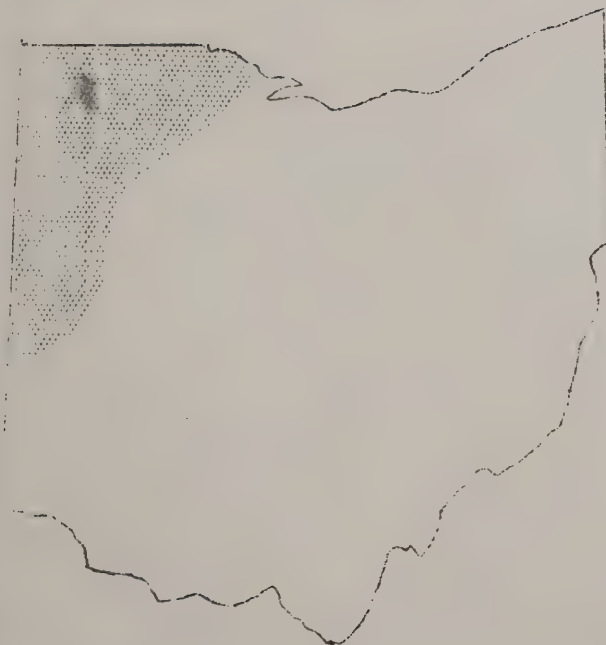
A. Corn



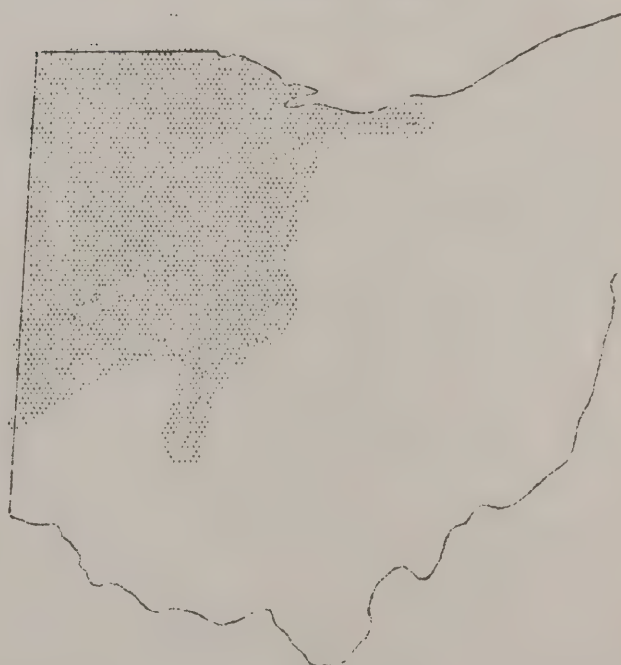
B. Wheat



C. Oats



D. Area of greatest Drainage Enterprise, 1920



INDUSTRIAL SITUATION AND CITY POPULATION, 1920

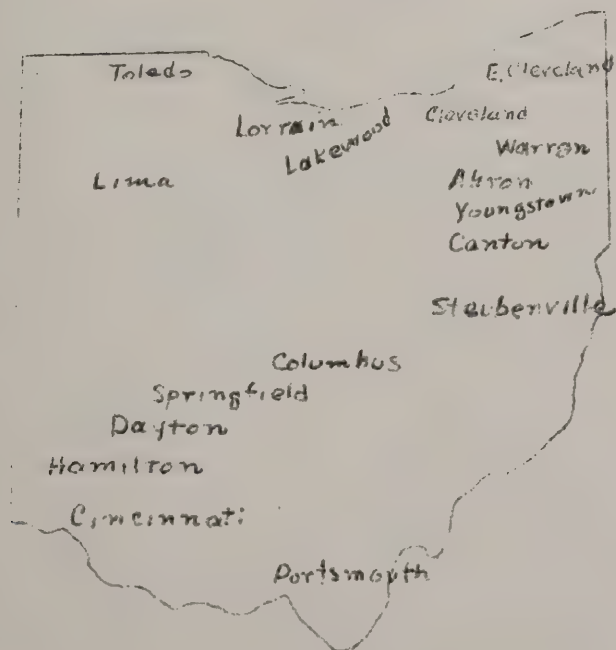
A. Bituminous Coal Production, 1919



B. Natural Gas and Oil Fields



C. Cities with Population of 30,000 or more
1922



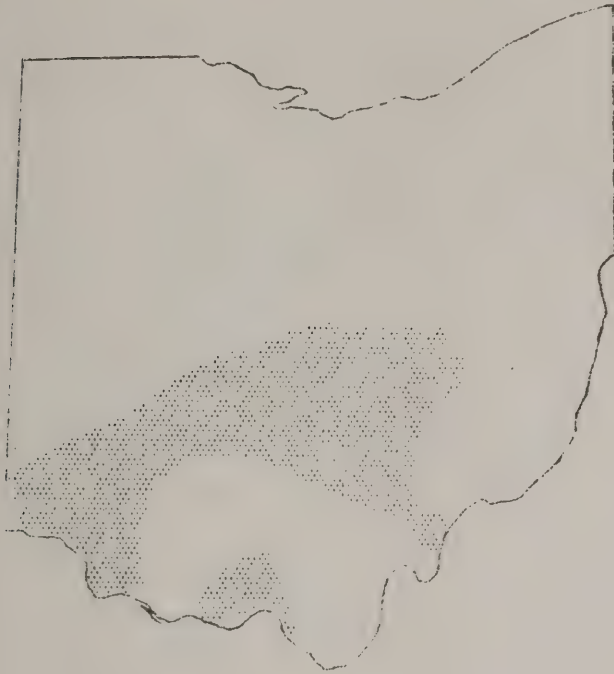
D. Rank among the States in Value
of Product of Manufacture

	1914	1919
Total	4	4
Rank in Value added by Manufacture	3	3
Rank in Number of Wage Earners	4	3

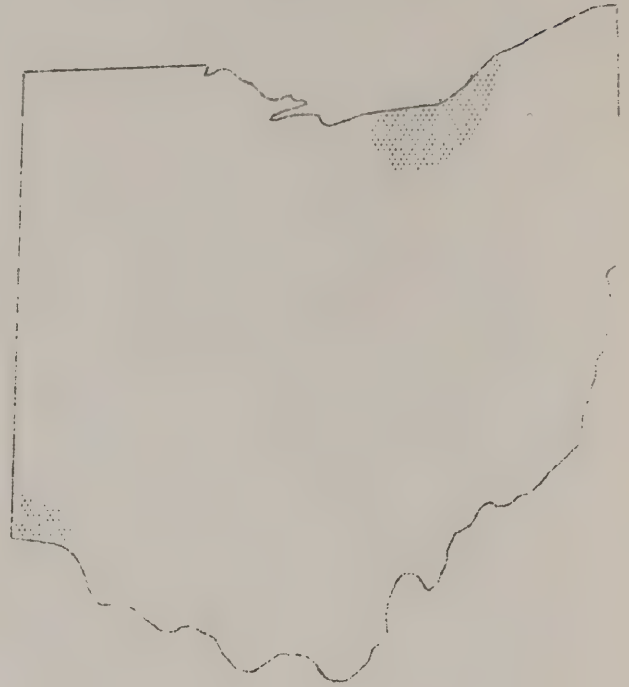
INDUSTRIAL PRODUCTION, 1937

-96-

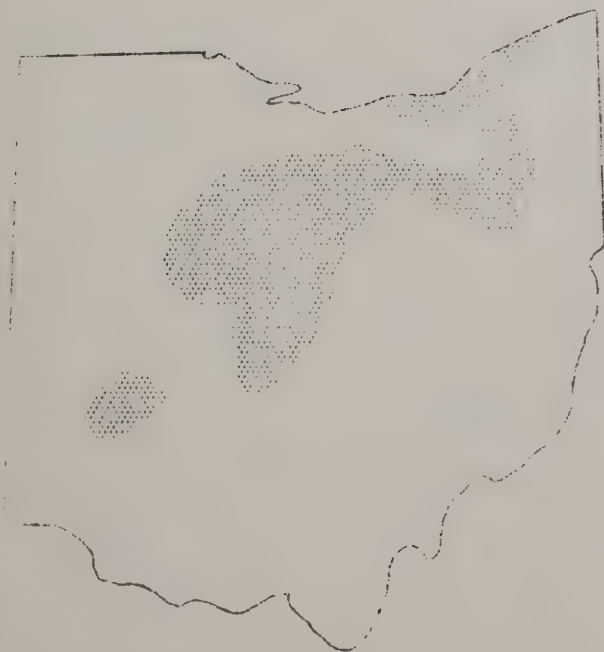
A. Boot and Shoe (non-rubber) Industry



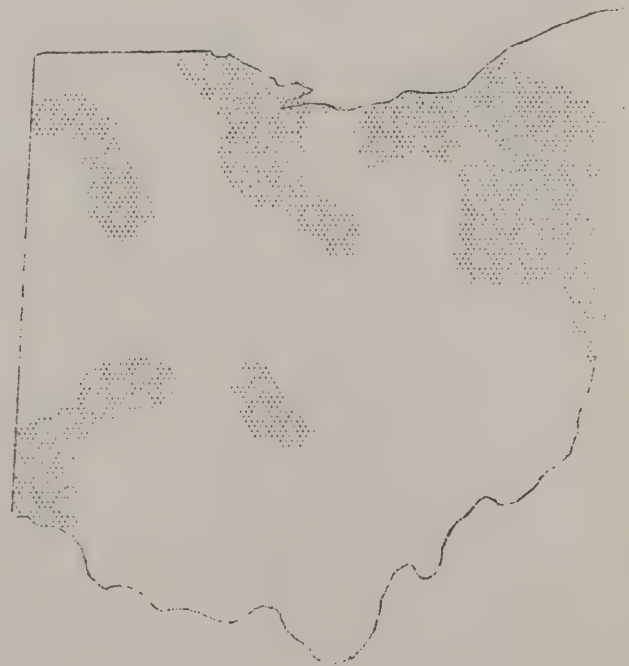
B. Chemical Industry



C. Excavating and Roadbuilding Machinery

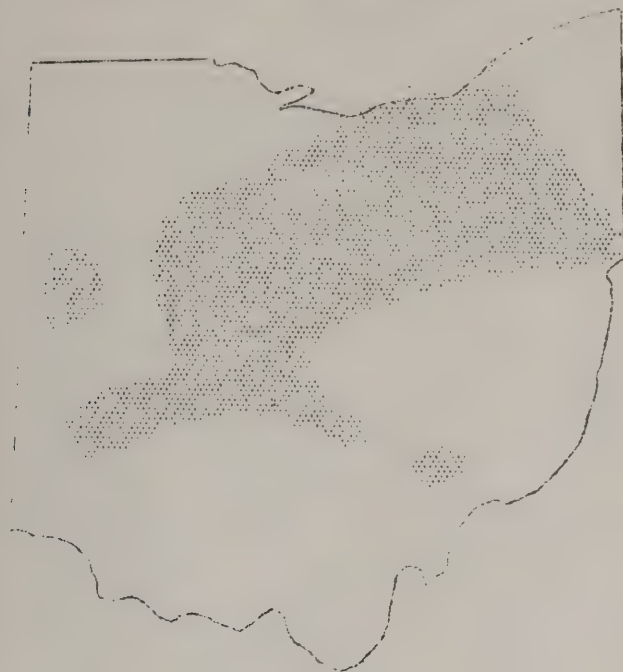


D. Electrical Supply Production



INDUSTRIAL PRODUCTION, 1937

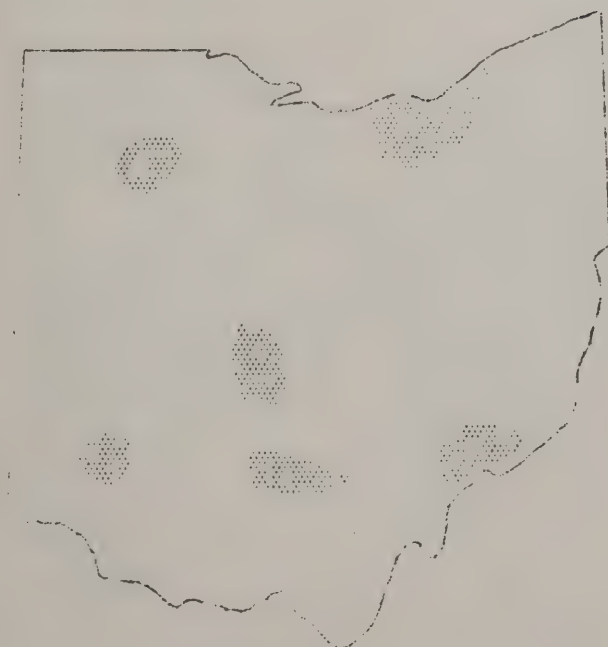
A. Areas for Agricultural Implements



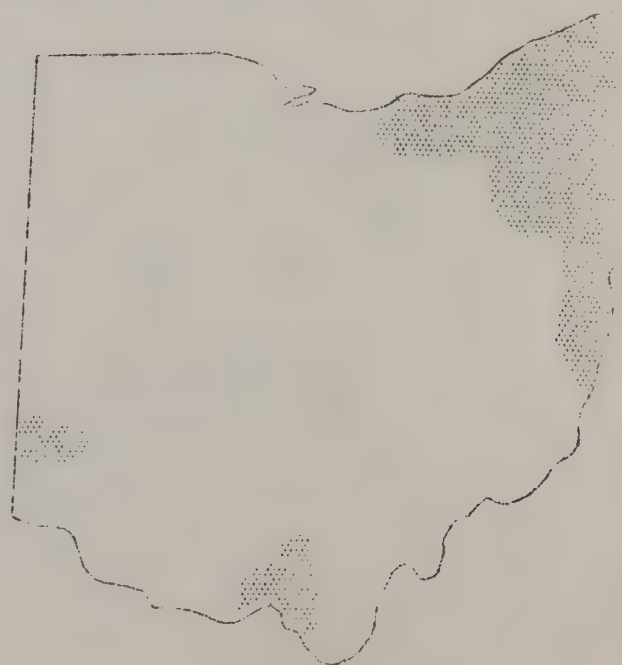
B. Aircraft



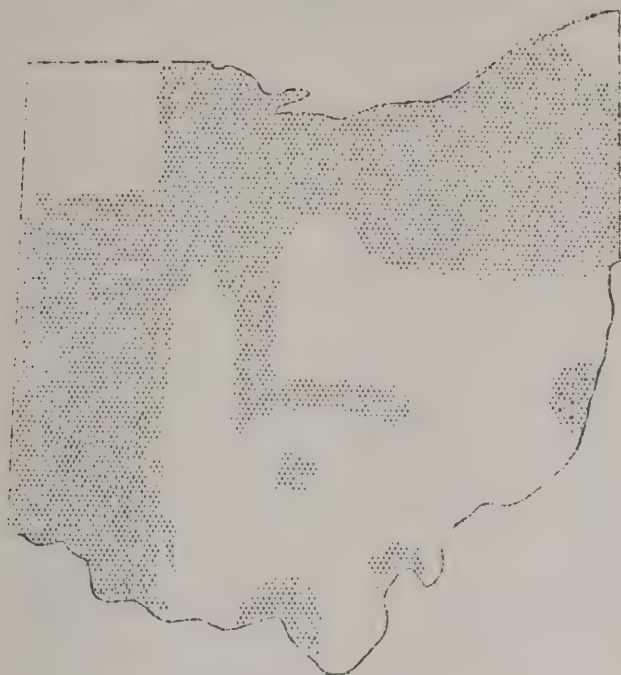
C. Manufacture of Explosives



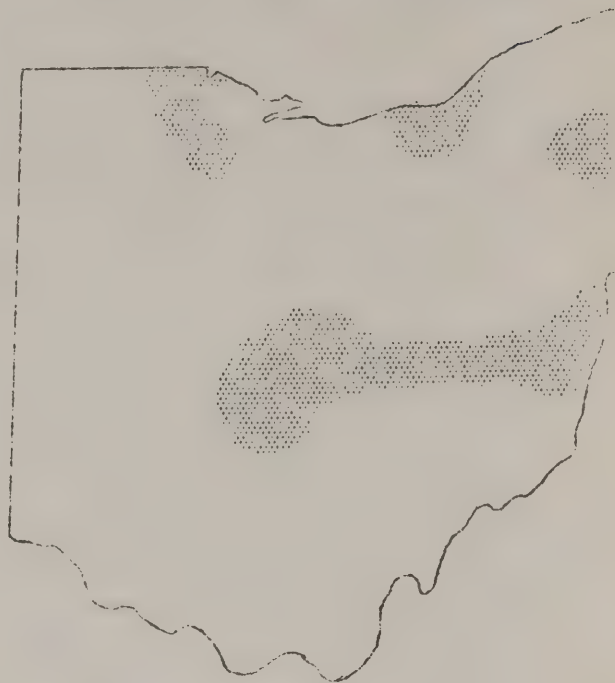
D. Blast Furnace Products Industry



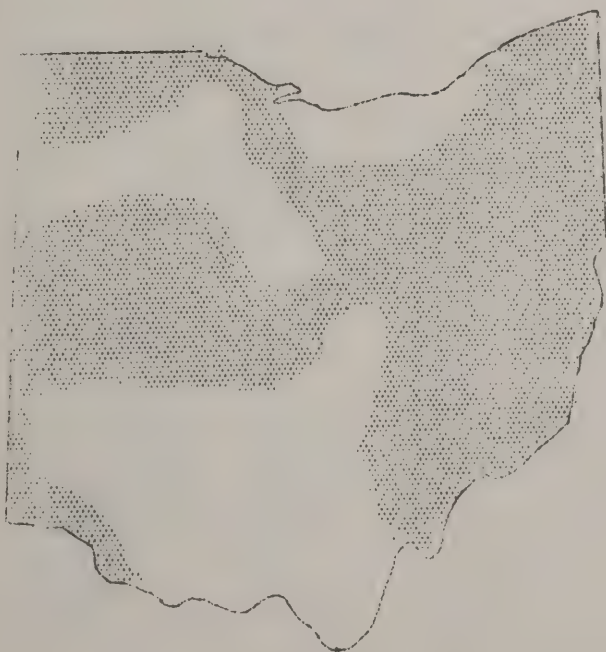
A. Areas of Production of Foundry Products



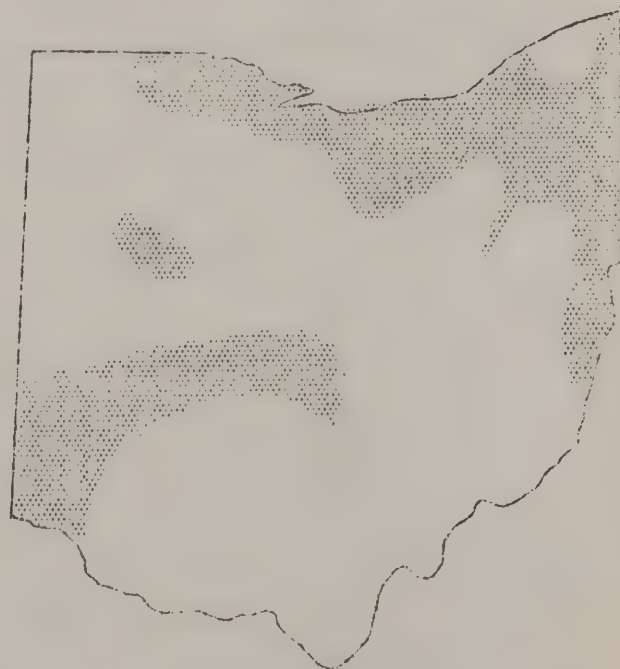
B. Areas of Glass Production



C. Principal Areas for Timber Products

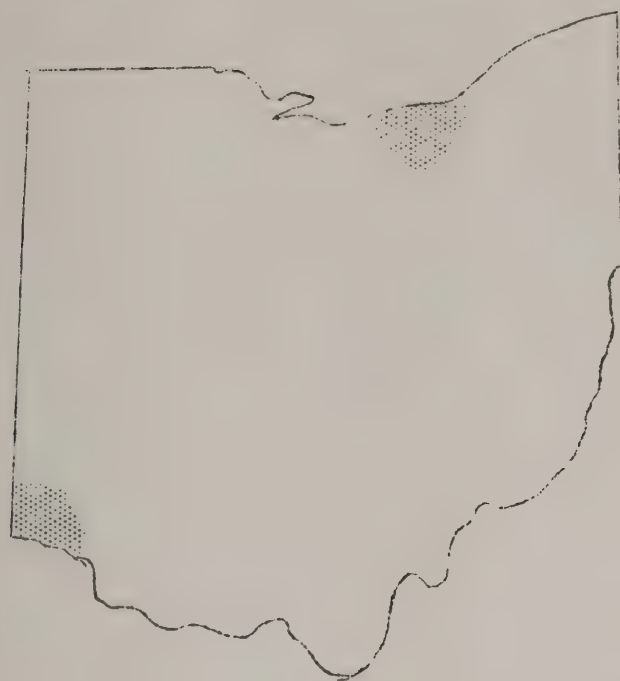


D. Areas of Machine Shop



INDUSTRIAL PRODUCTION, 1937

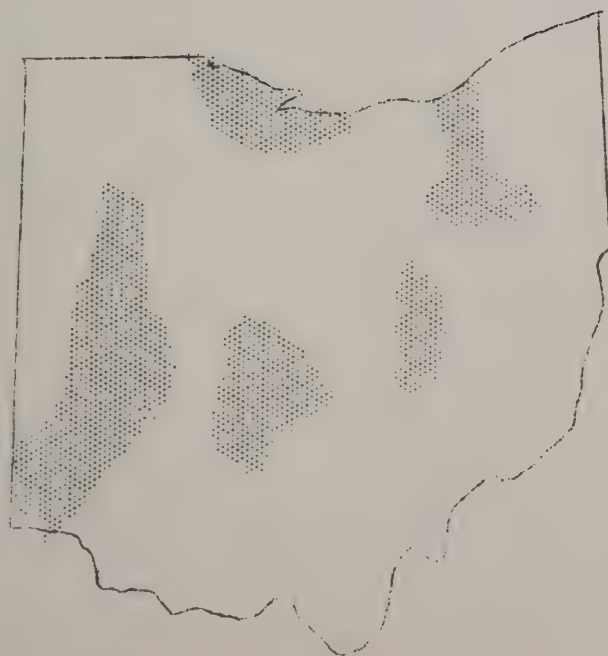
A. Principal Areas of Machine Tool
Production



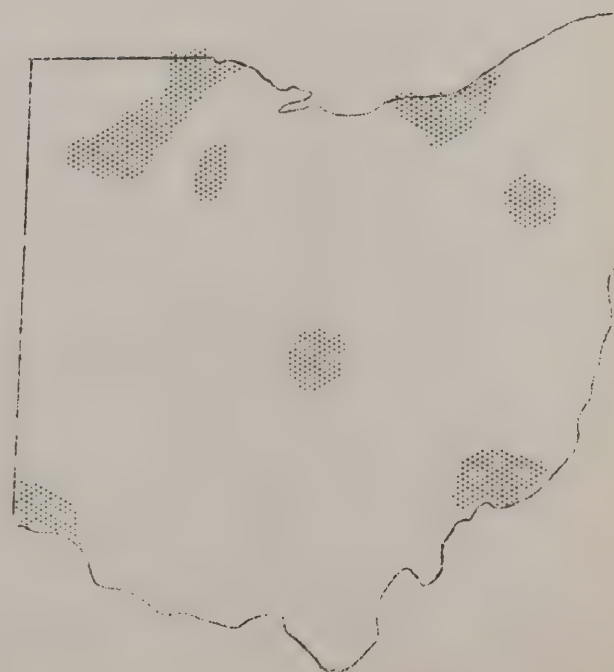
B. Optical Goods Production



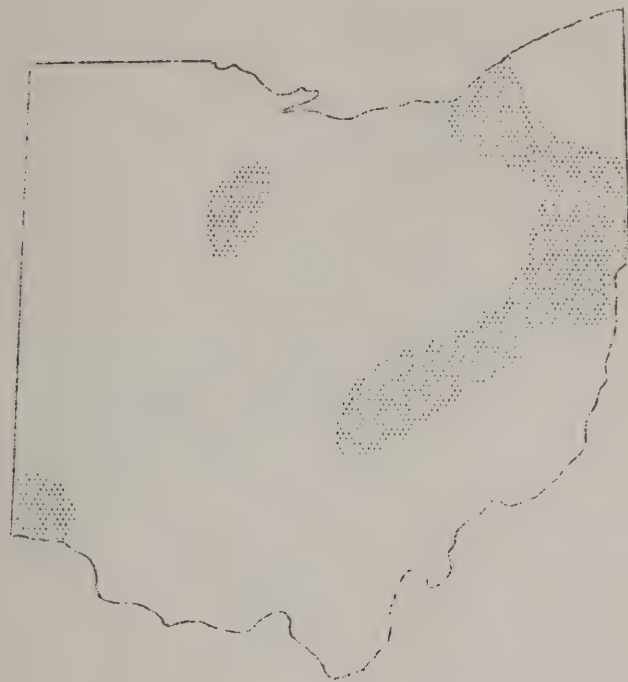
C. Paper Production



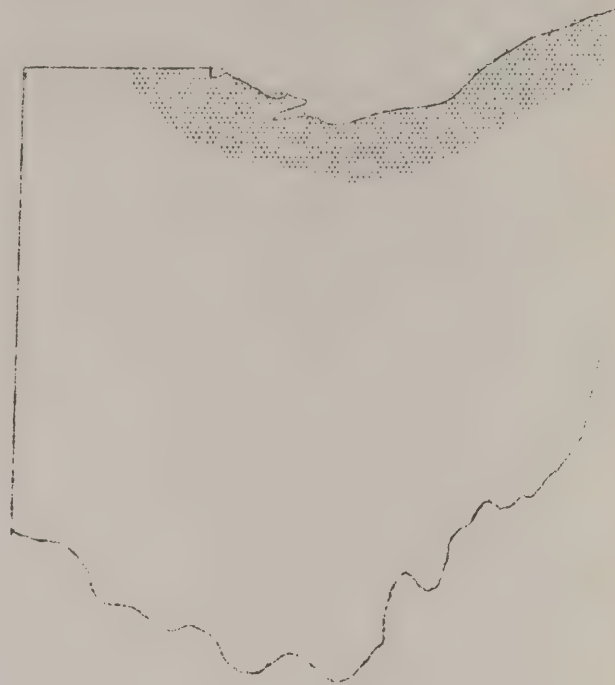
D. Petroleum Refinery Products



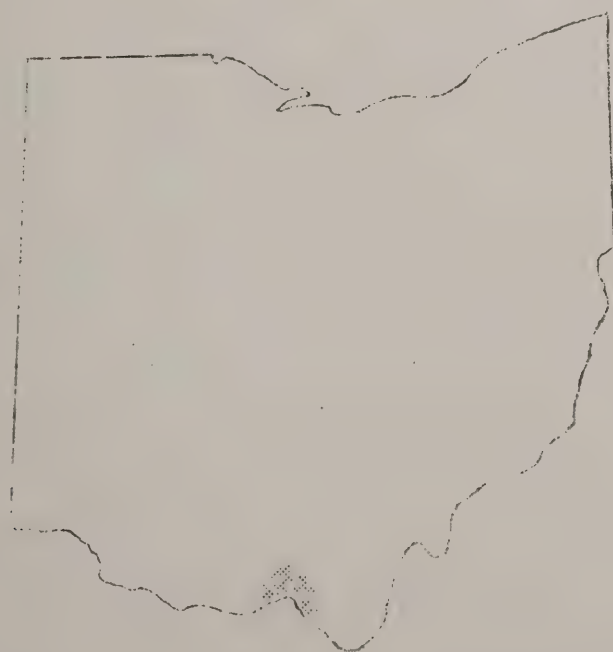
A. Areas of Pottery and China Industry



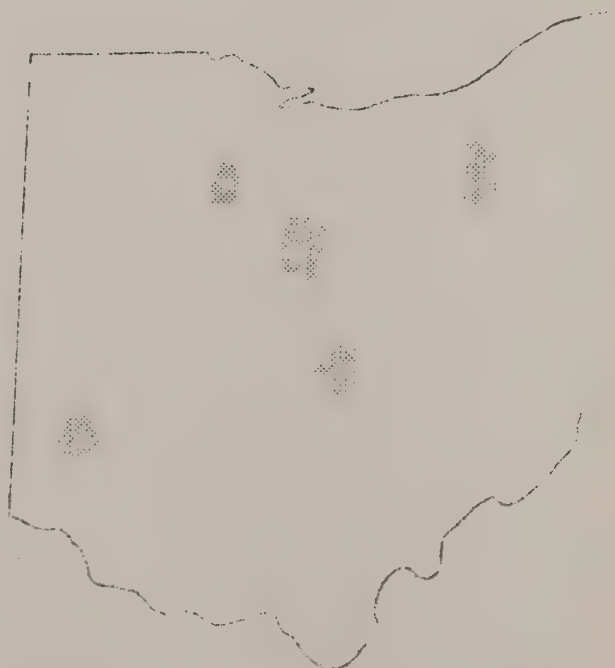
B. Area of Boat and Ship Building



C. Area of Spinning and Thread Industry

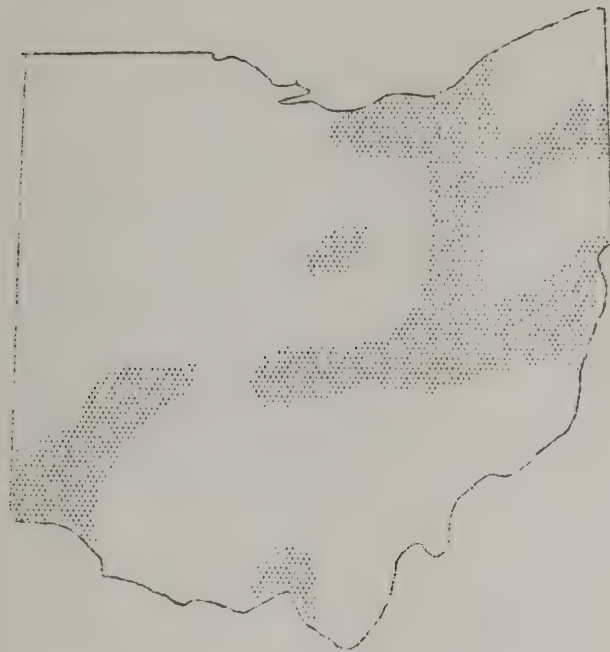


D. Areas of RubberTires and Tube Production

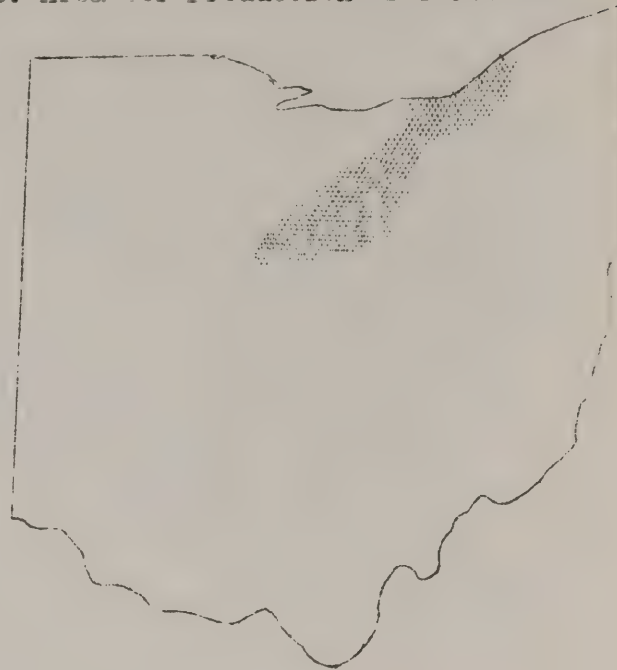


INDUSTRIAL PRODUCTION, 1937

A. Steel Works and Rolling Mill



B. Area for Production of Tractors



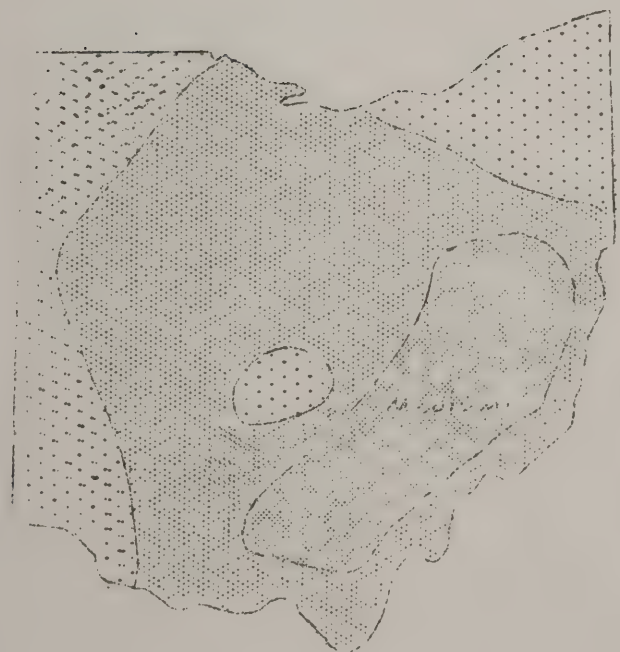
A. Number of Tractors on Farms

B. Farm Towns with Electricity



C. Relative Number of Automobiles on Farms

D. Farms doing Business with Cooperative



Most

Medium

Least

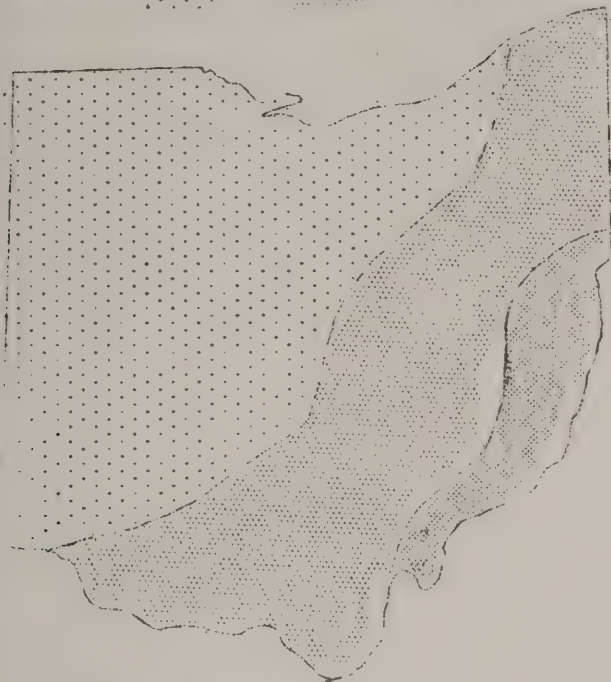
LEGEND:

OHIO ATLAS

SITUATION OF THAIS, 1940

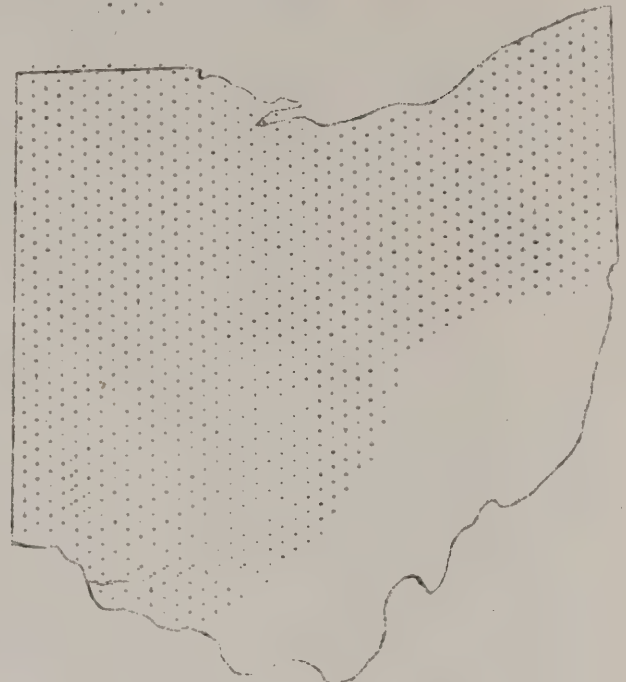
A. Quality of Roads

	Improved	Mostly
Surfaced	Dirt	Dirt



3. Farm Use of Commercial Fertilizer:

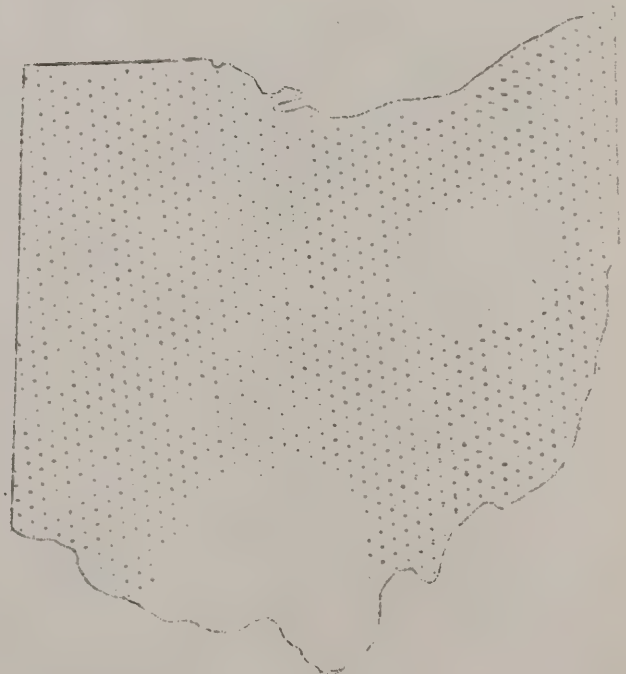
Heavy



C. Area of largest Expenditure for
Farm Implements



D. Area of most Telephones on Farms



NATIONAL ELECTIONS, 1932-1944

A. 1932



B. 1936

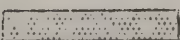


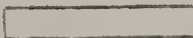
C. 1940



D. 1944



REPUBLICAN 

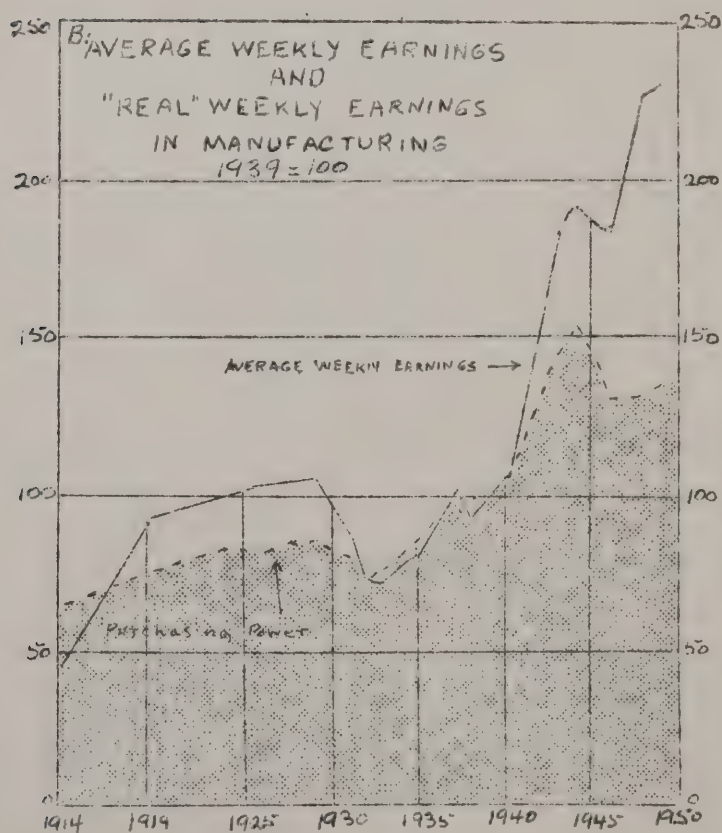
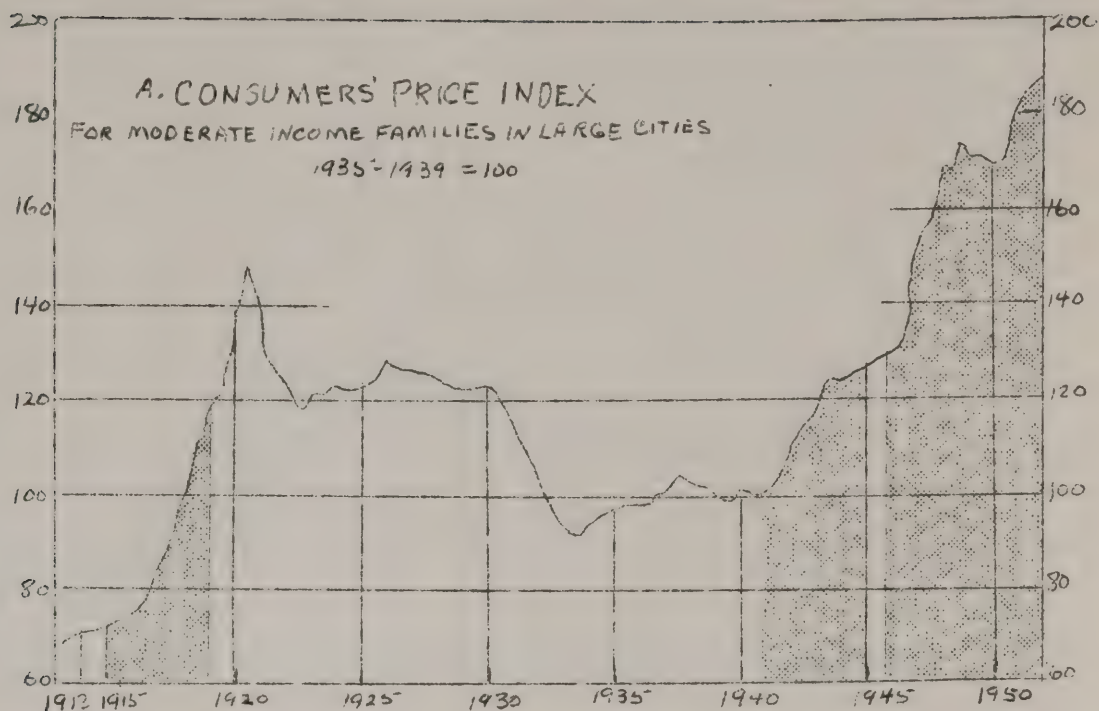
DEMOCRATIC 

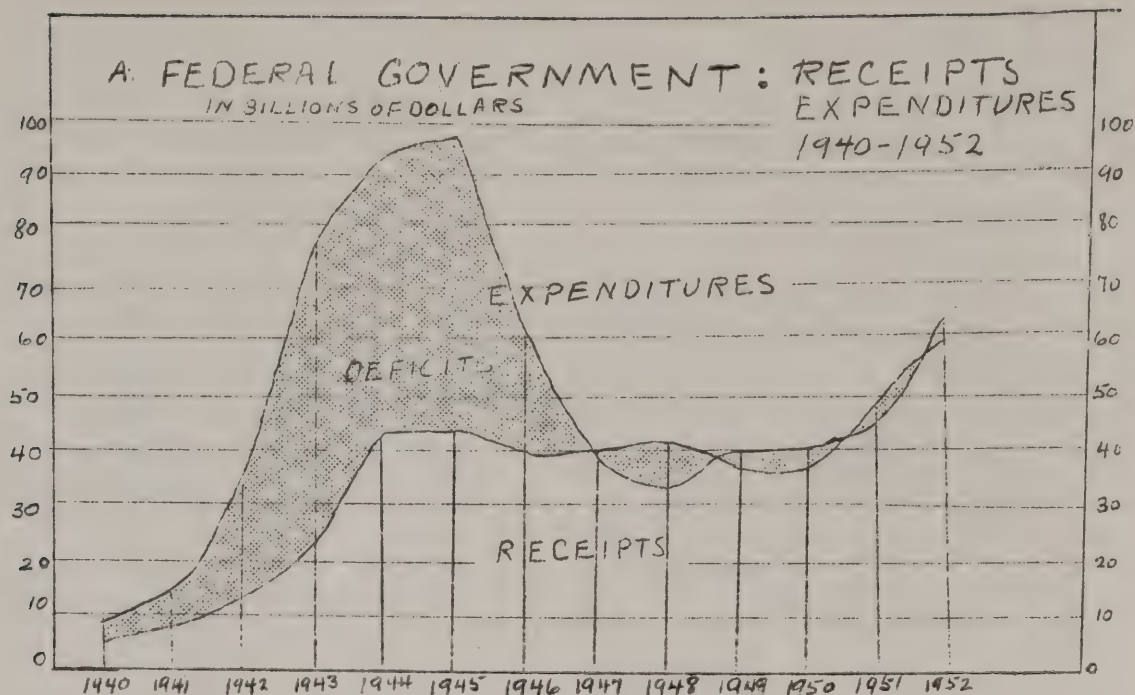
UNITED STATES IN WORLD WAR II, 1941-1945



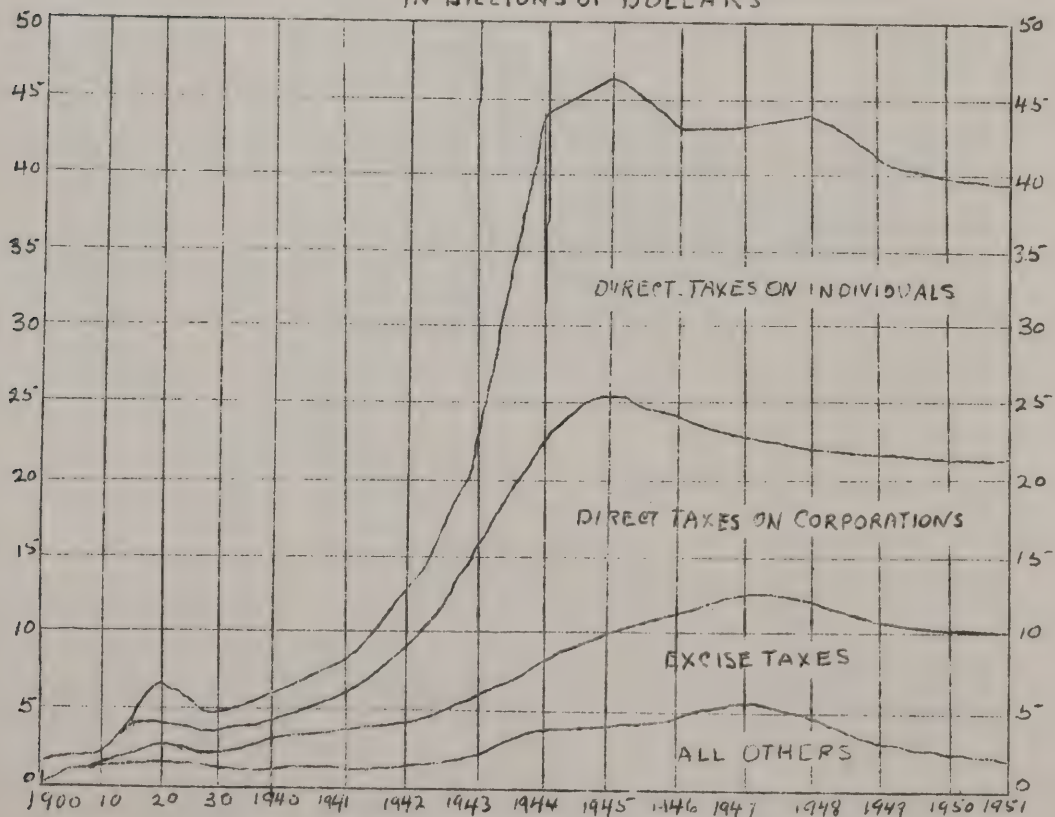


JAPAN'S EXPANSION, WORLD WAR II, 1941-1944





B ANALYSIS OF TAXES, 1900-1951
IN BILLIONS OF DOLLARS



NATIONAL ELECTIONS, 1946-1952

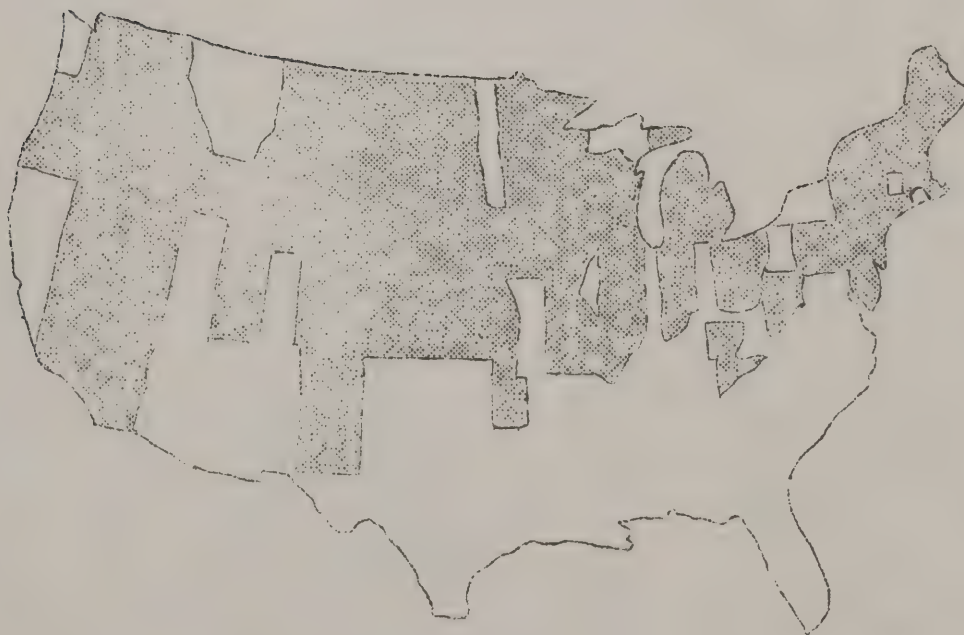
A. 1948



B. 1952



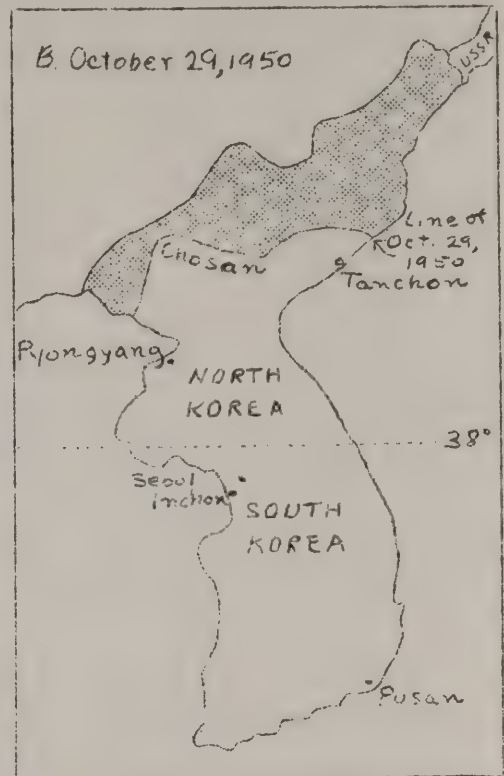
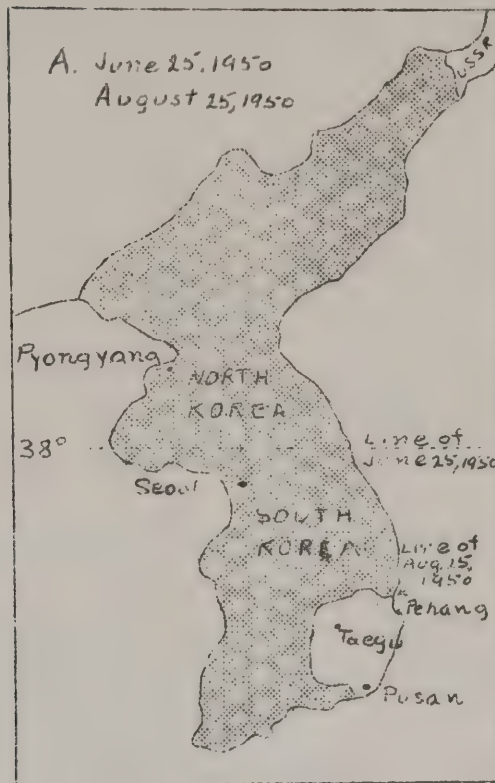
C CONGRESSIONAL ELECTION, 1946



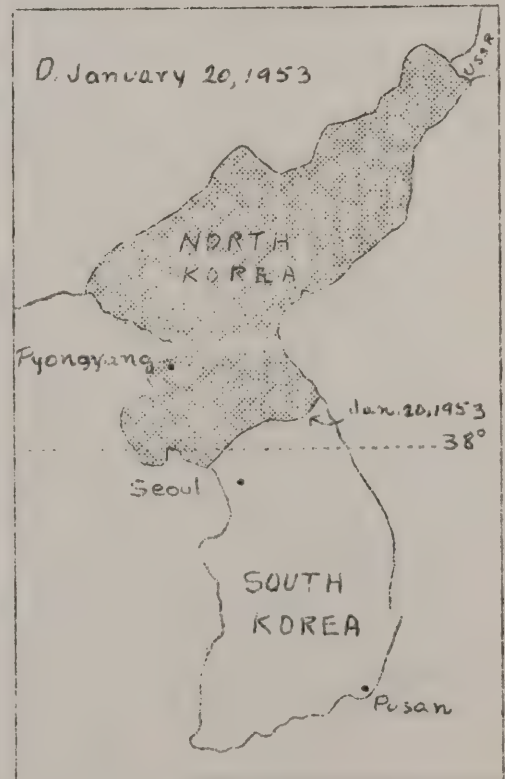
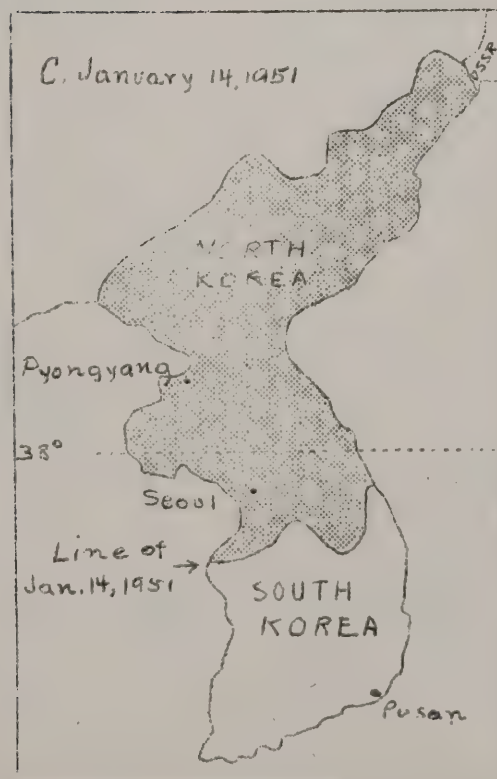
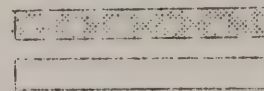
REPUBLICAN

DEMOCRATIC

THE COURSE OF THE KOREAN WAR, 1950-1953



COMMUNIST
U.S.-UN

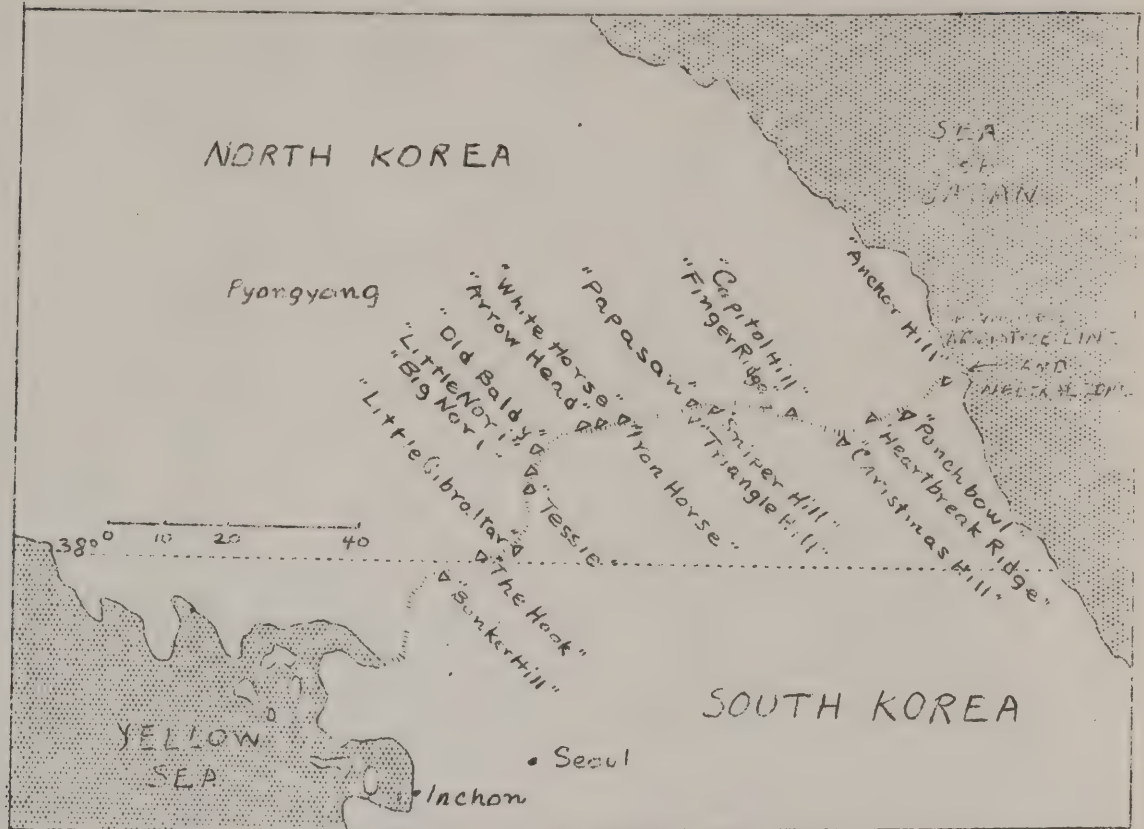




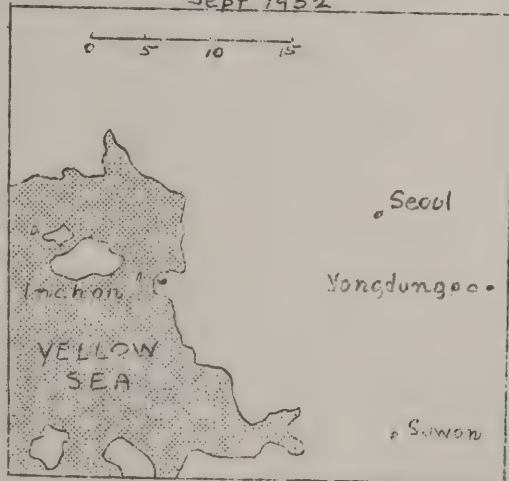
KOREA: AREA MAPS

-111-

A. PROPOSED ARMISTICE LINE, 1952; "HILL" NAMES



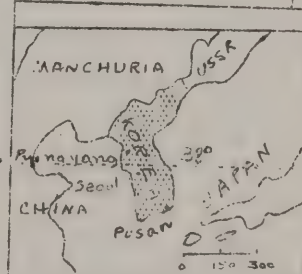
B. INCHON-SEOUL AREA, Sept. 1952

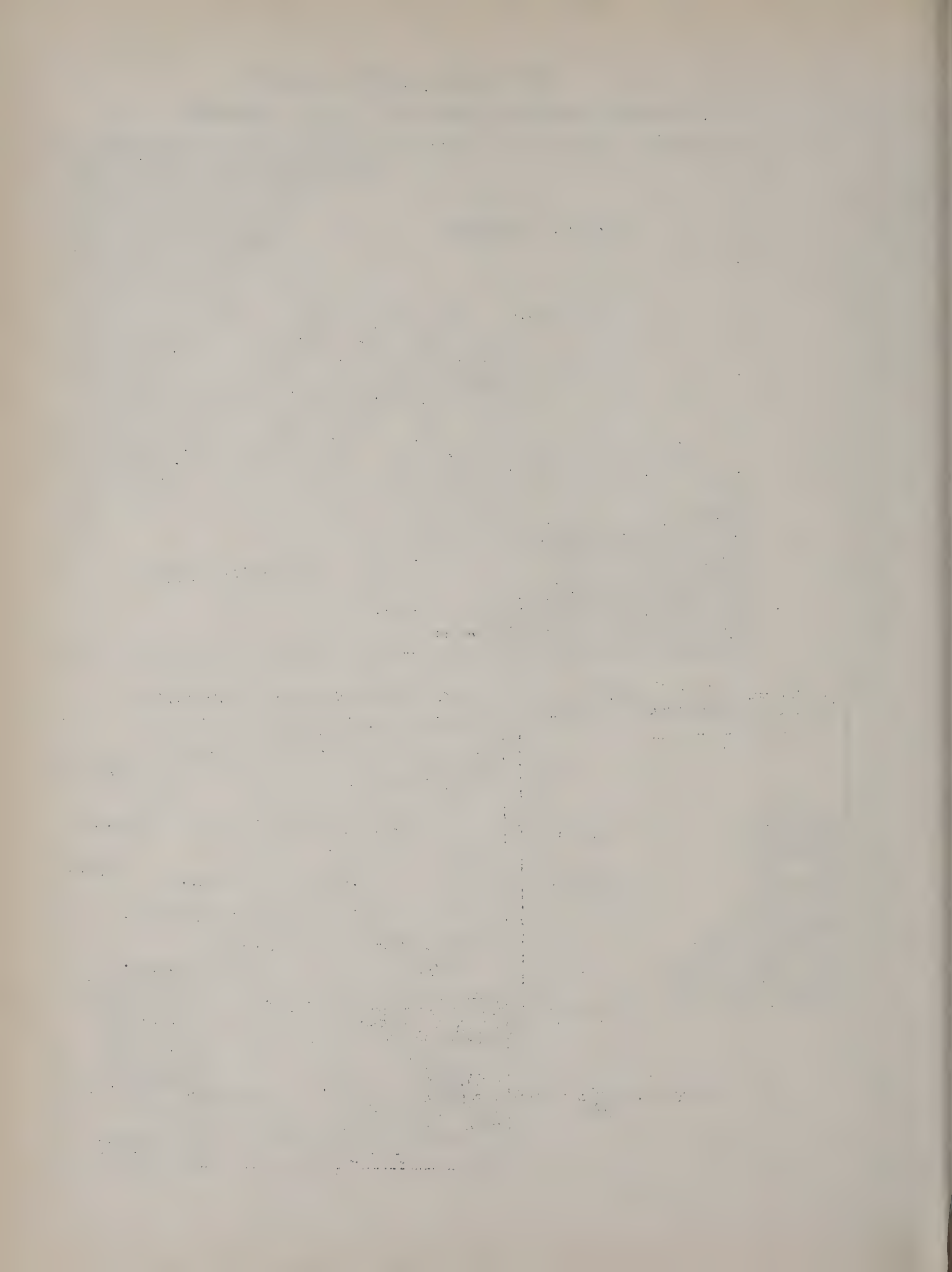


C. PUSAN AREA, SEPT. 18, 1950



D. Orientation Map





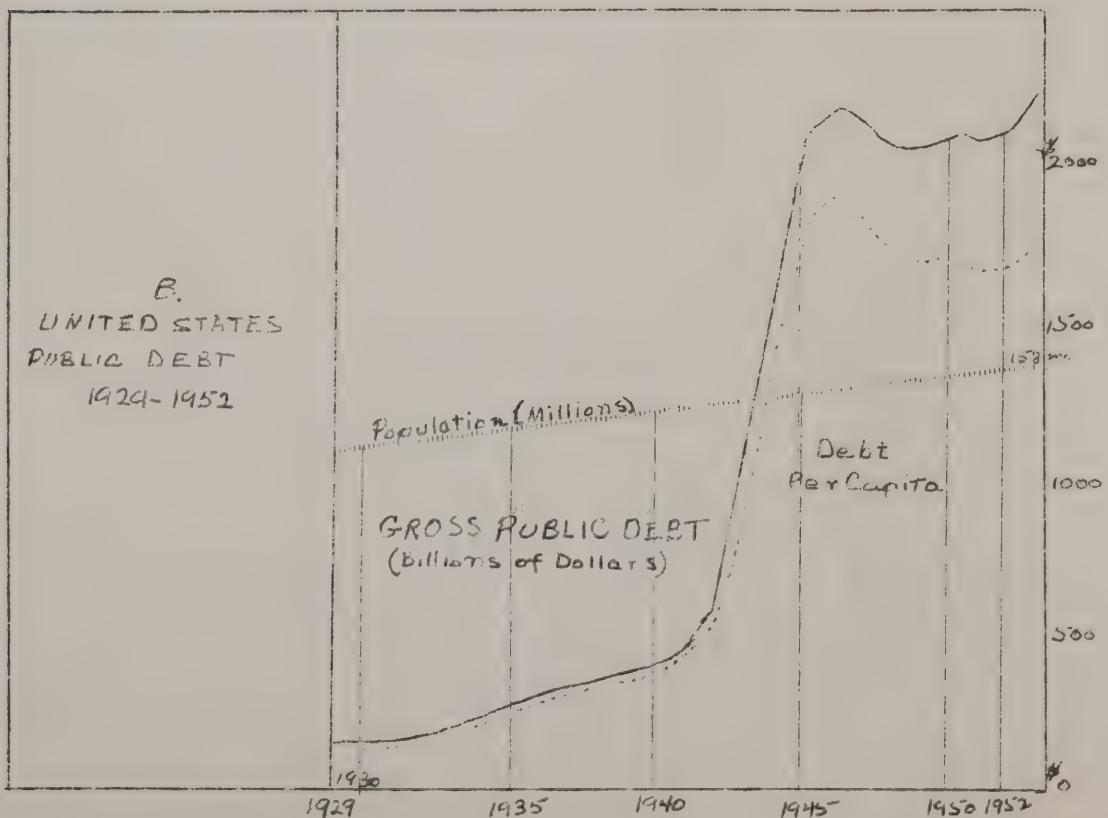
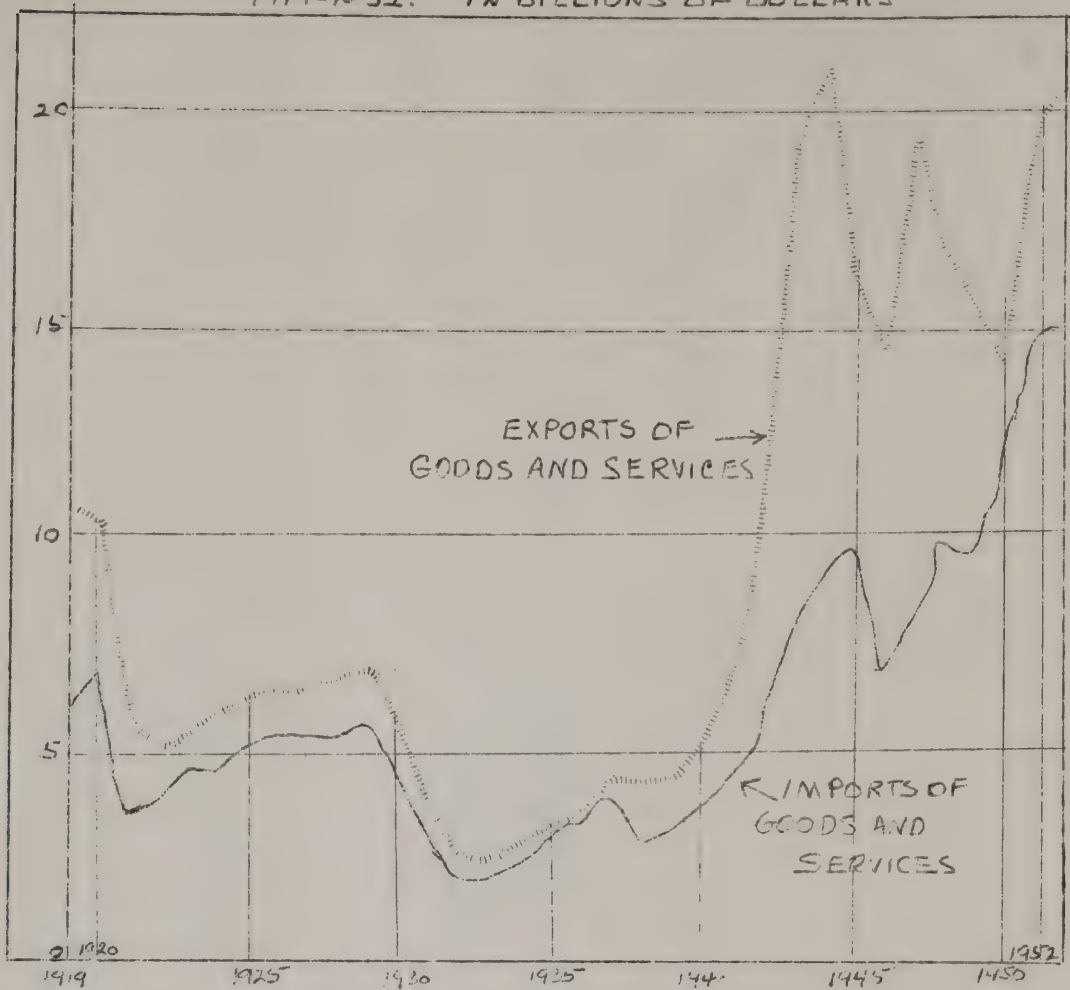
AREAS OF MILITARY AND ECONOMIC ASSISTANCE PROGRAM, PROPOSED OR AGREED, 1951-1953



SPECIAL AREAS OF AMERICAN SECURITY COMMITMENTS, 1947-1953



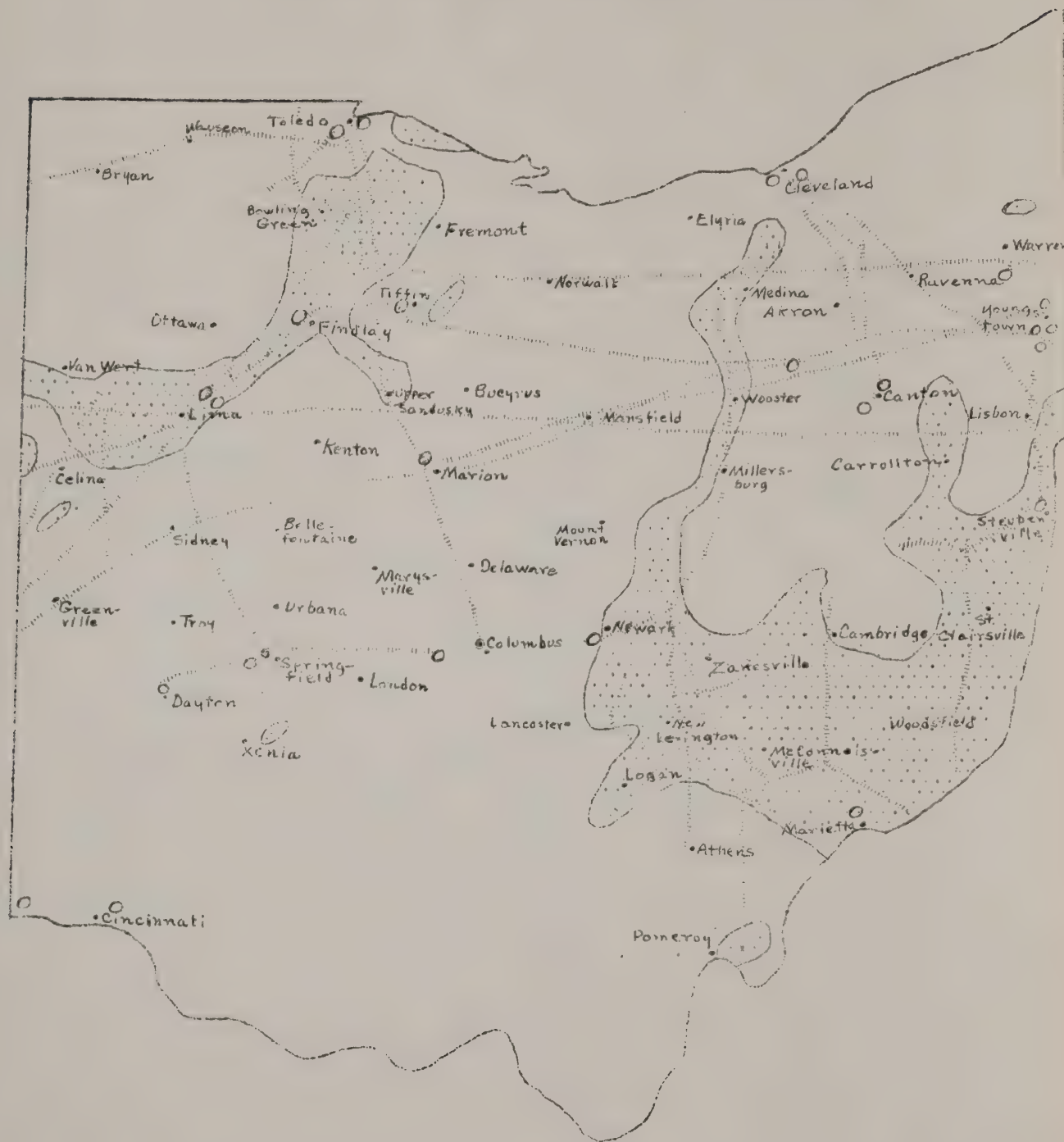
A. AMERICAN FOREIGN TRADE AND FOREIGN AID,
1919-1952. IN BILLIONS OF DOLLARS





INDUSTRY AND INDUSTRIAL PRODUCTION, 1949-1953

OIL POOLS, PIPE LINES, TERMINALS AND REFINERIES



Oil Pools



Oil Pipe Lines



Terminal or Refinery



OHIO ATLAS

INDUSTRIAL PRODUCTION, 1949-1953

NATURAL GAS, PIPE LINES, GAS STORAGE



SOME MAIN PIPE LINES

GAS FIELDS

GAS STORAGE

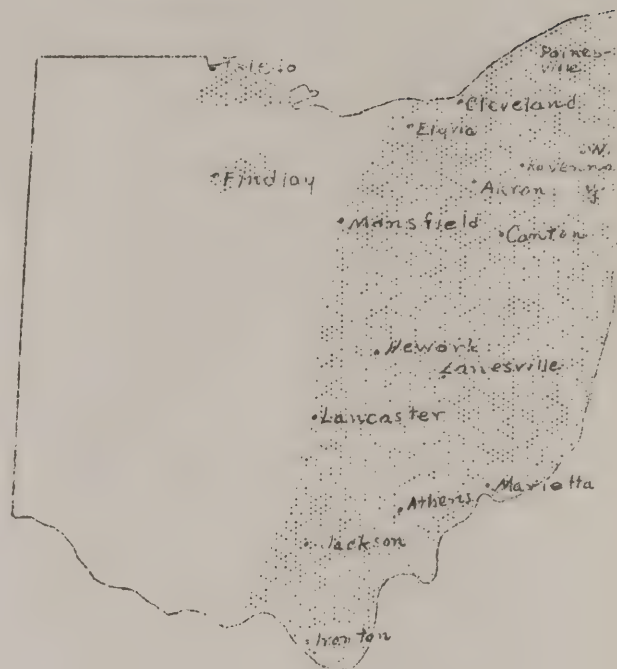
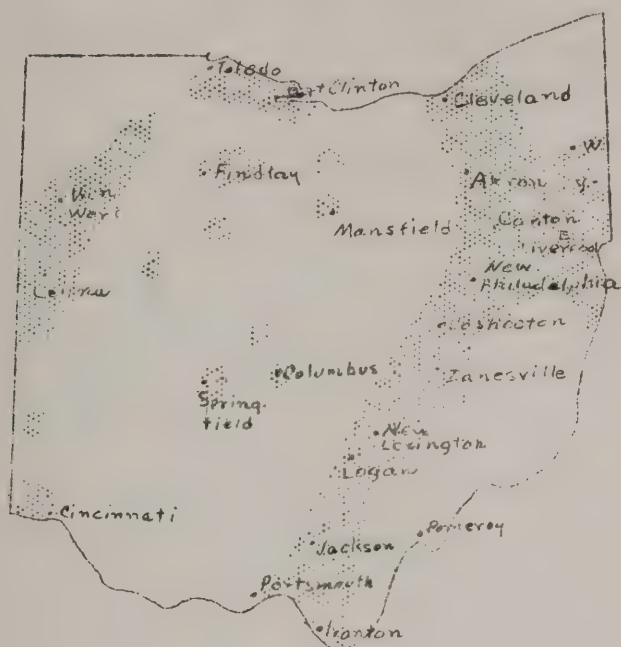
OHIO ATLAS



INDUSTRIAL PRODUCTION, 1949-1953

. Ceramic Production: Plants,
Pottery, Tile, Roofing, Dishes, etc.

33. Salt



INDUSTRIAL PRODUCTION, 1949-1953

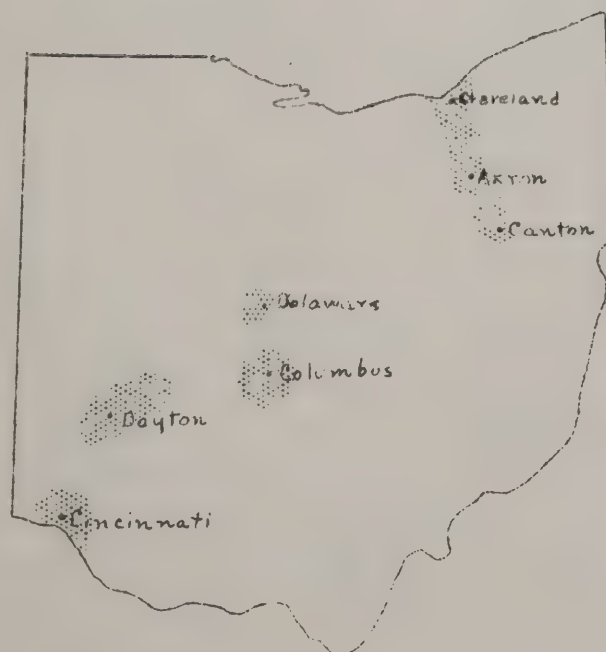
A. Electrical Machinery and Equipment



B. Transportation Equipment: Highway, Railway



C. Scientific Controls and Goods



INDUSTRIAL PRODUCTION, 1949-1953

A. Paper and Paper Products



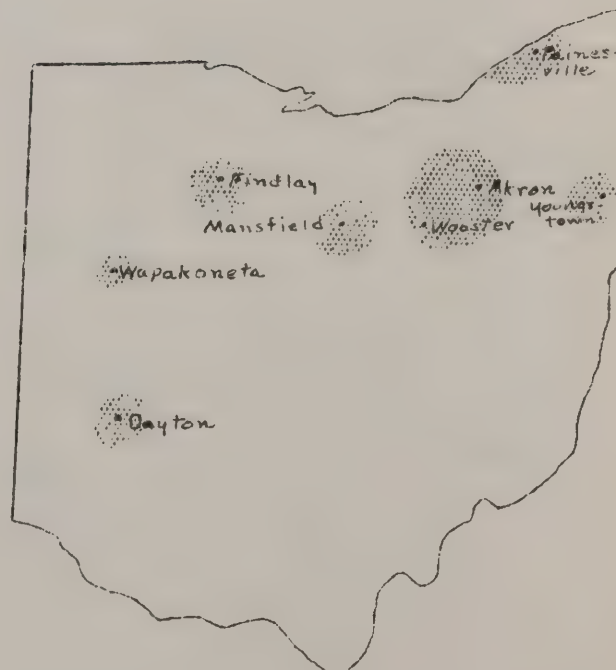
B. Printing and Publishing



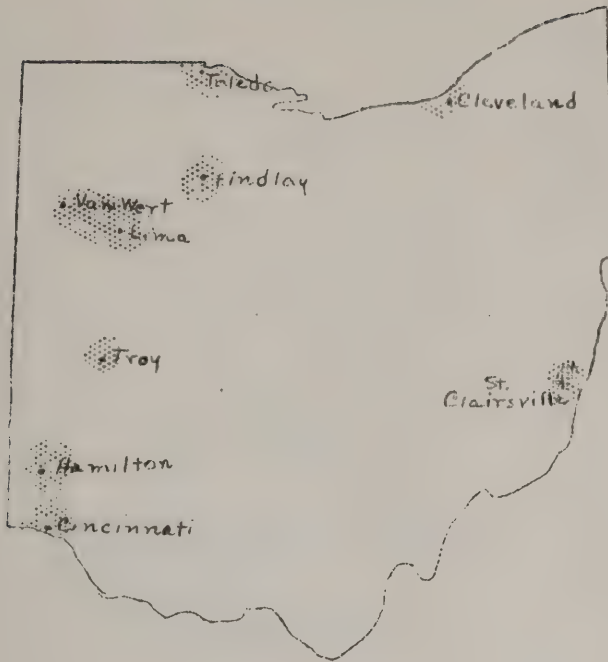
C. Chemicals



D. Rubber Products



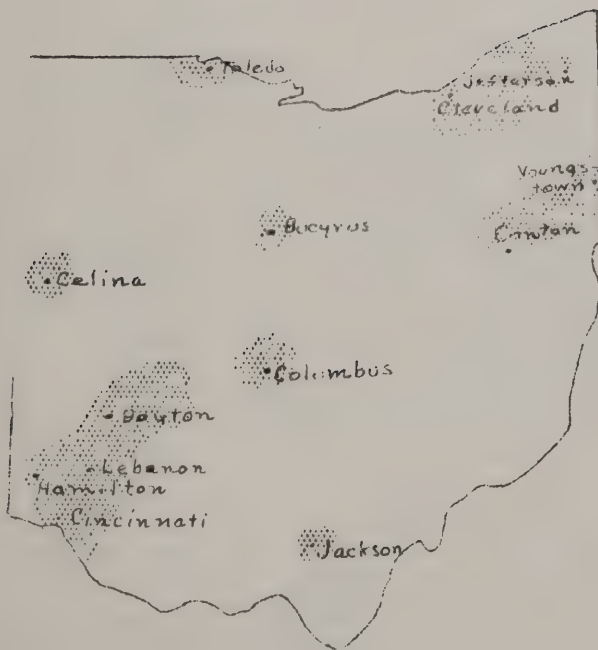
A. Tobacco Products



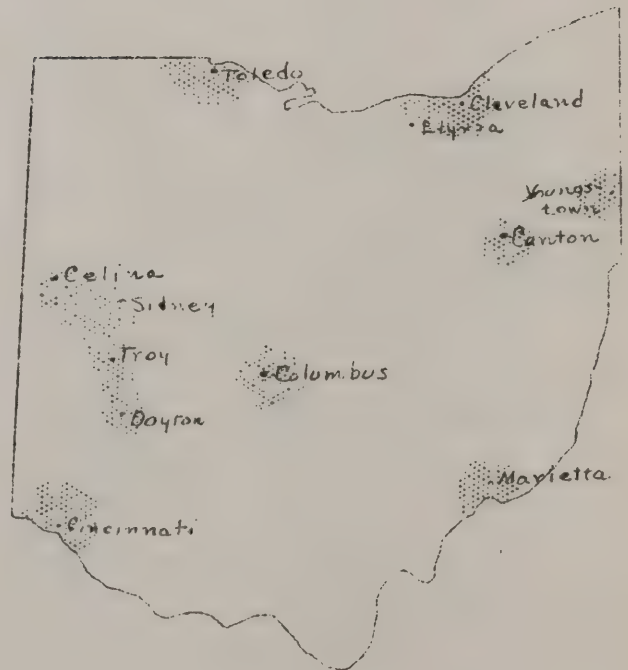
B. Textile Mills



C. Clothing



D. Furniture, Wood Products



INDUSTRIAL PRODUCTION, 1949-1953

A. Leather Products



B. Stone, Clay, Glass, Cement



C. Metal Products



D. Machinery (Non-Electrical)

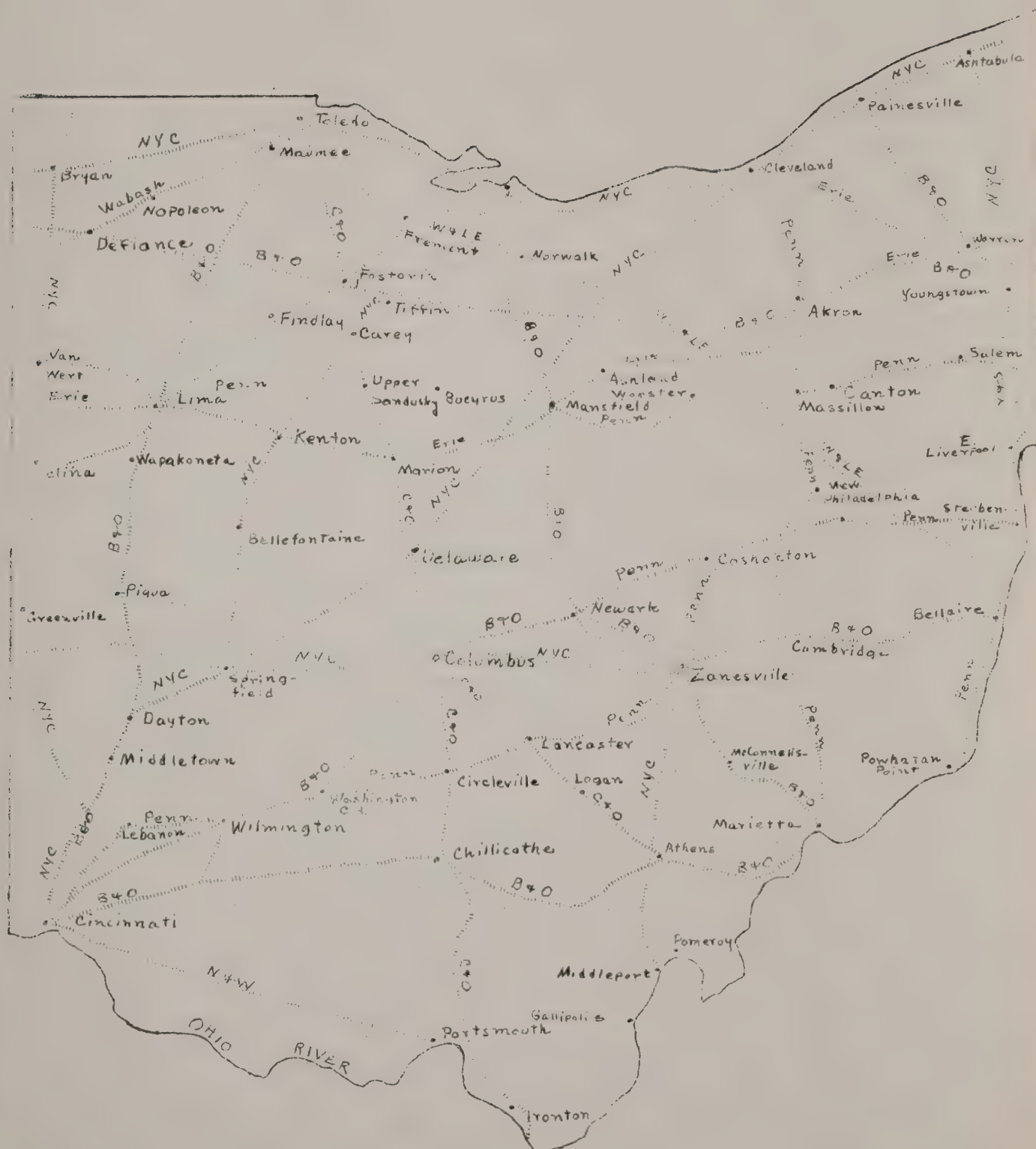


INDUSTRIAL PRODUCTION, 1949-1953

Areas of Most Industrial Production



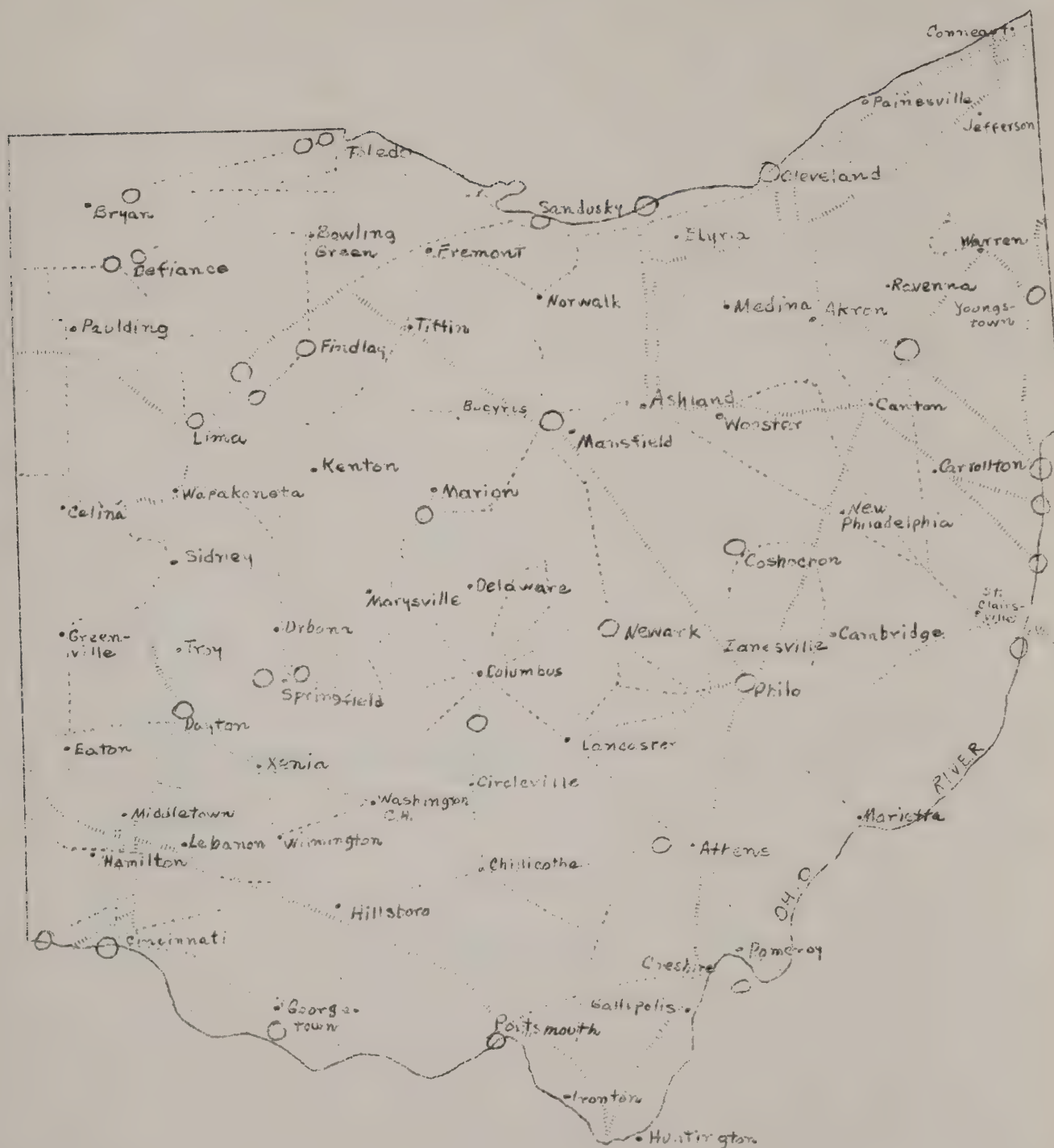
Some Ohio Railways





TRANSPORTATION, POWER, COMMUNICATION, 1949-1953

Electric Power Grid



OHIO ATLAS

Main Transmission Lines

Others

Generating plants



TRANSPORTATION, POWER, COMMUNICATION, 1949-1953

Radio and Television Stations



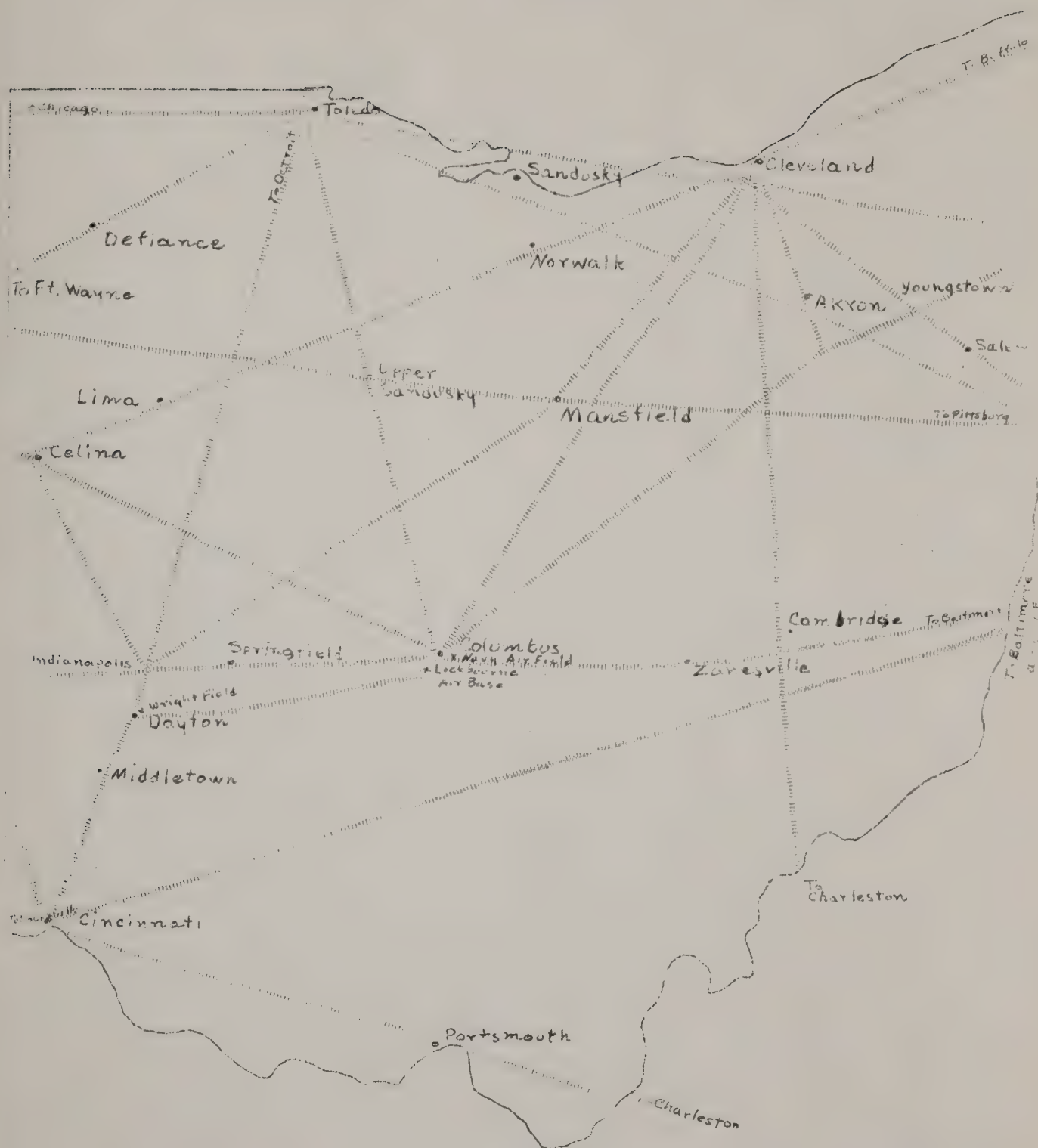
OHIO ATLAS

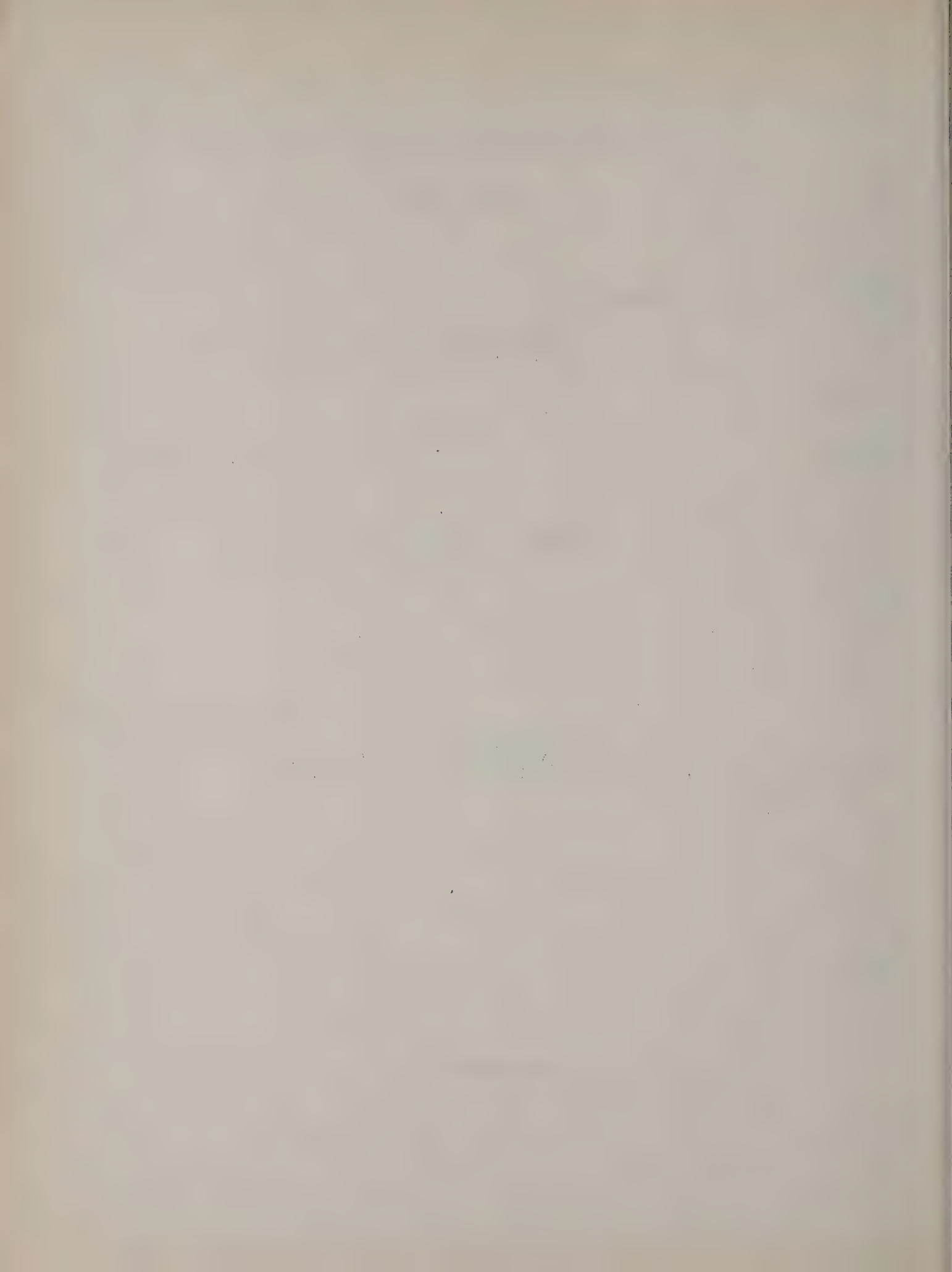
Radio (AM and FM) Stations, as, "2"

Television Stations, as, TV 3

TRANSPORTATION, POWER, COMMUNICATION, 1949-1953

Air Routes





TRANSPORTATION, POWER, COMMUNICATION, 1949-1953

Highways with Most Traffic



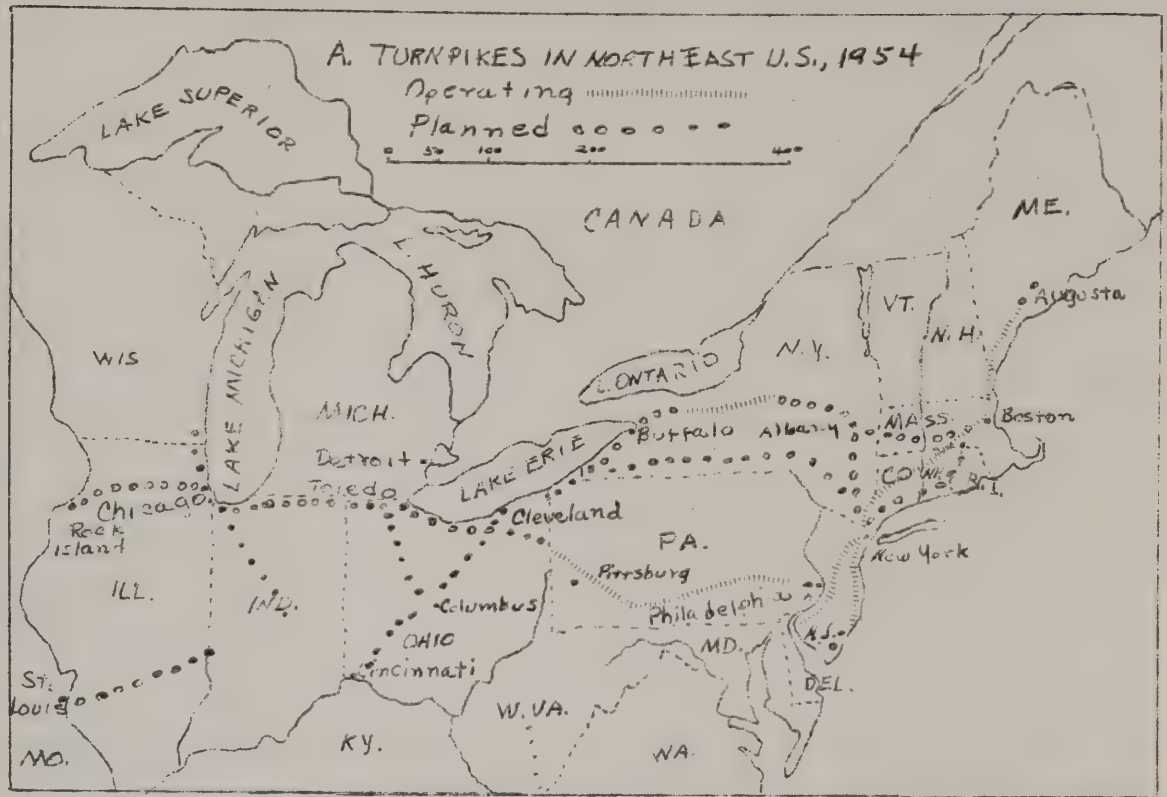
Most Traffic

Heavy Traffic

Highway Numbers, as, 50

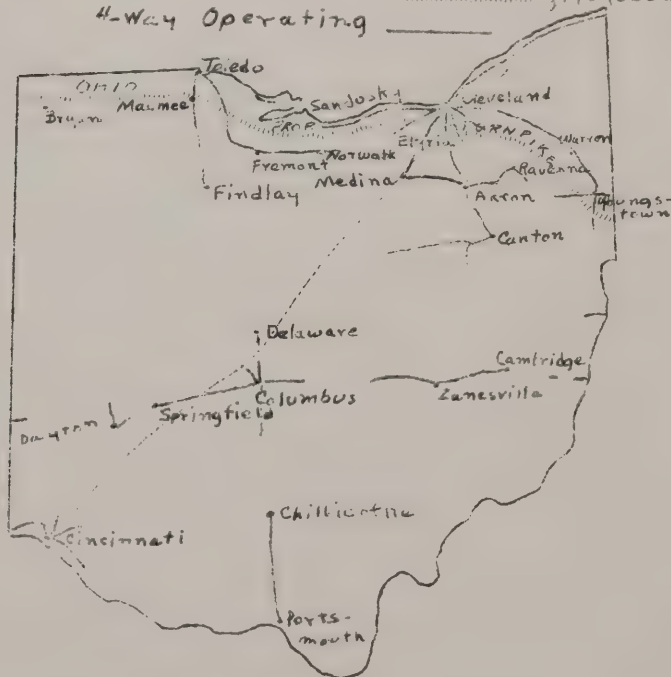
OHIO ATLAS

SUPER HIGHWAYS



B. IN OHIO

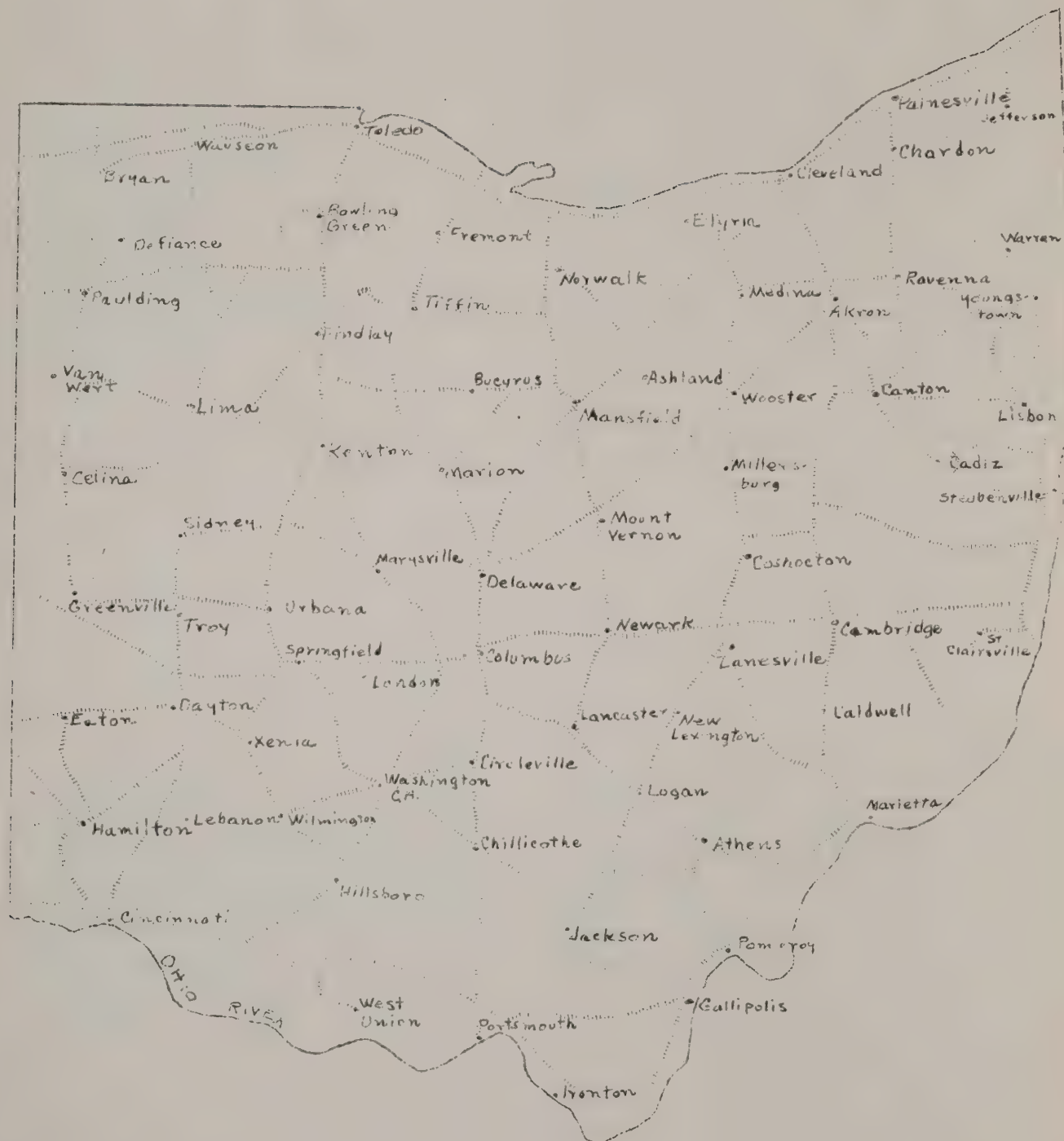
Toll Road Proposed
4-Way Operating ———





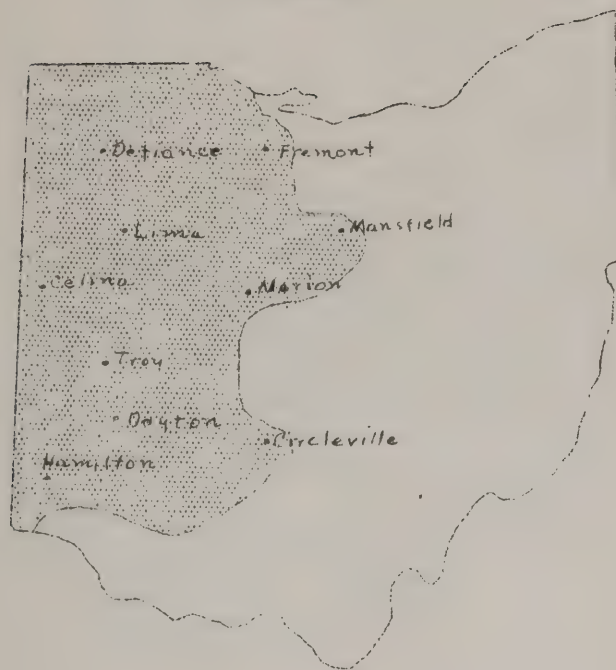
TRANSPORTATION, POWER, COMMUNICATION, 1949-1953

Main Long Distance Telephone Lines

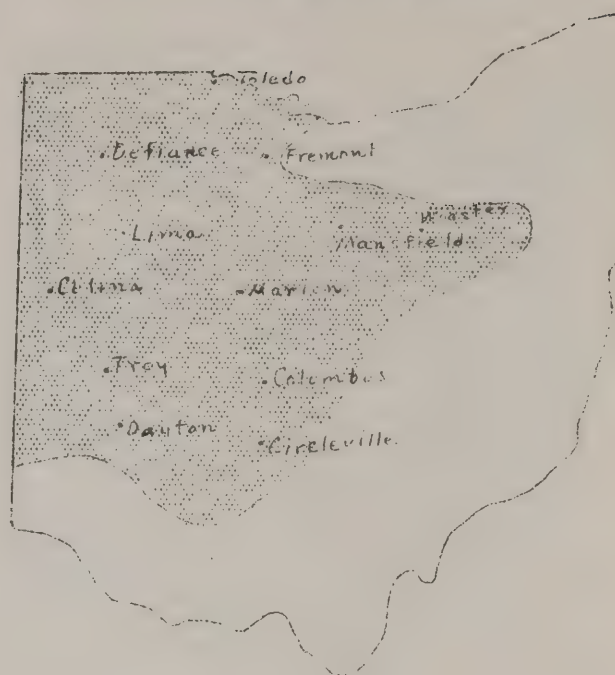


ARTS OF BEST AGRICULTURAL PRODUCTION, 1949-1953

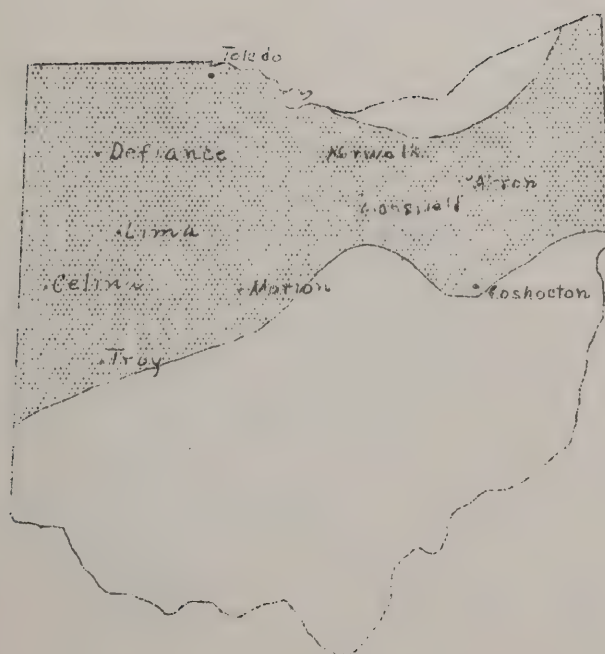
A. Corn



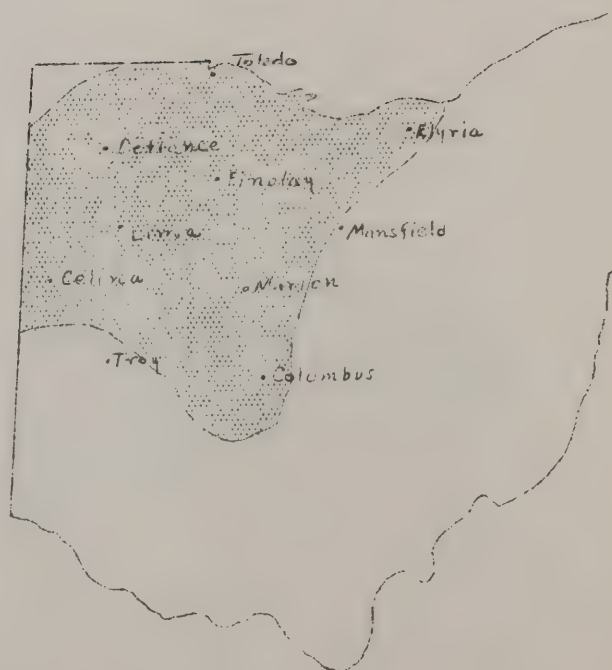
B. Winter Wheat



C. Oats



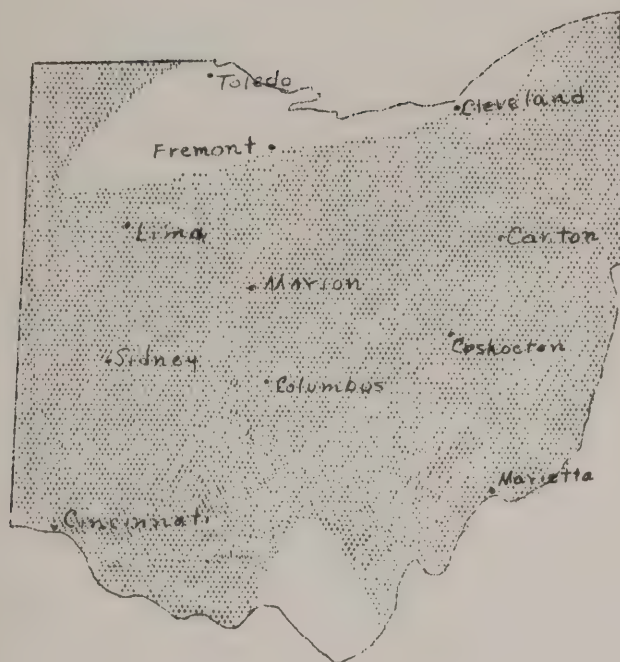
D. Soy Beans





AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

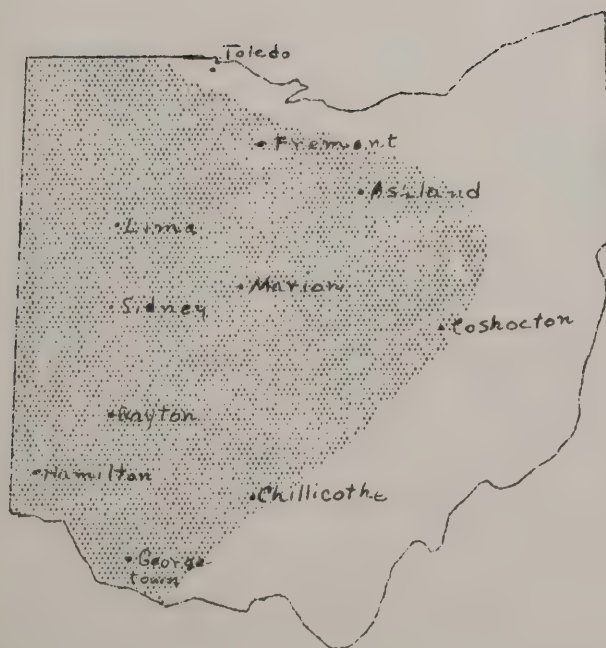
1. Cattle



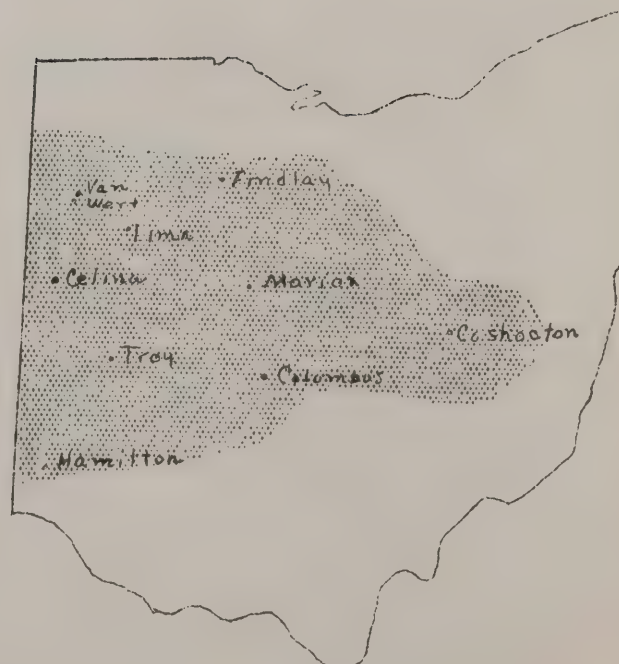
3. Dairying



C. Hogs



D. Sheep

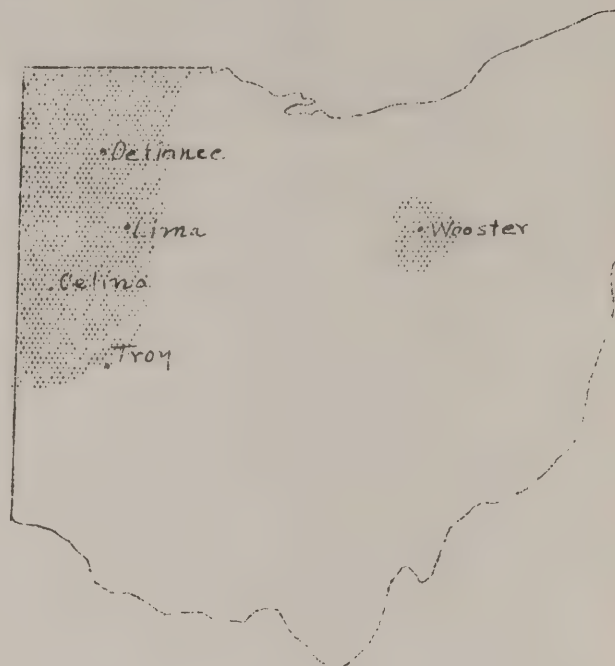


AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

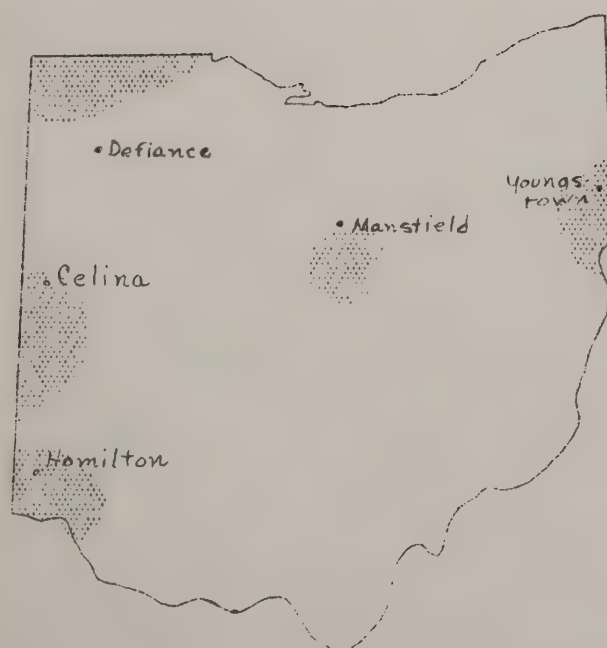
A. Chickens



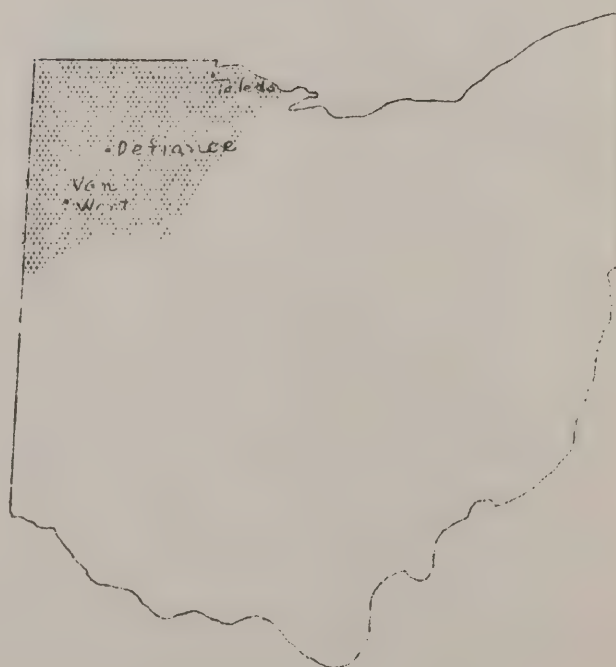
B. Most Egg Production



C. Turkeys

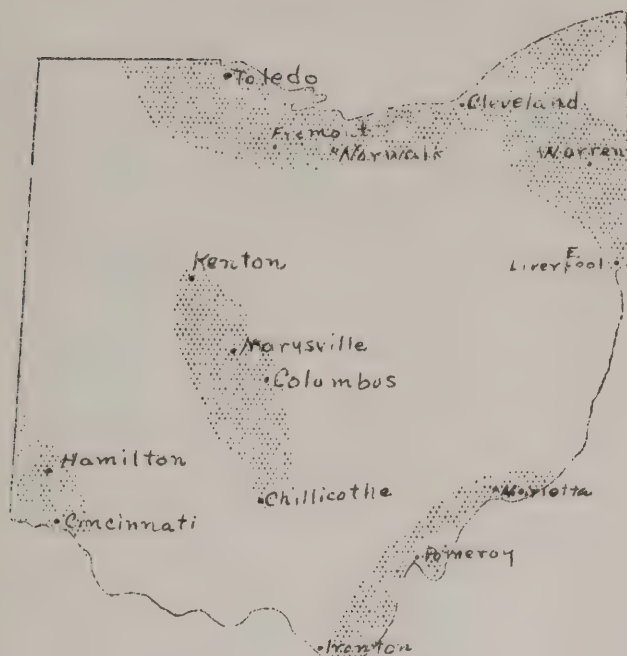


D. Sugar Beets

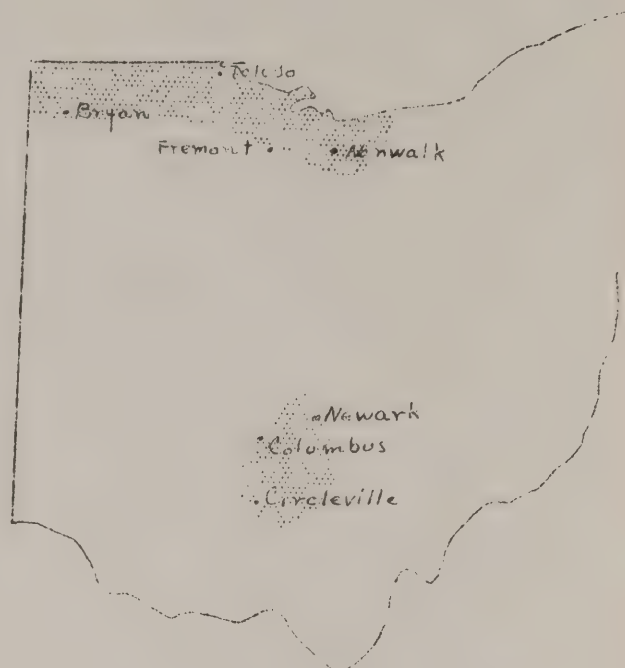


AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

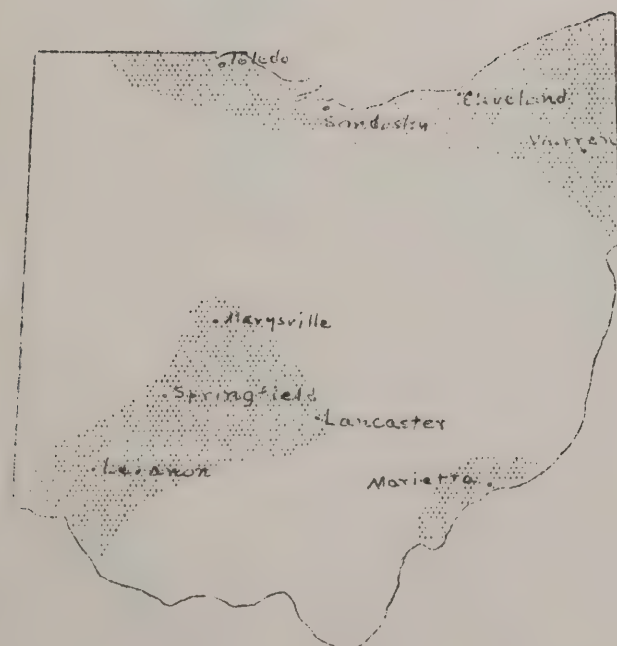
A. Vegetables for Sale



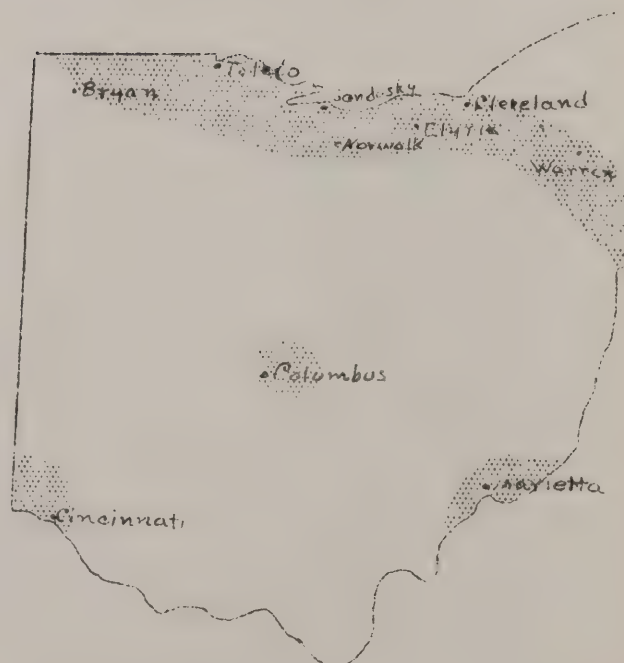
B. Peas for Sale



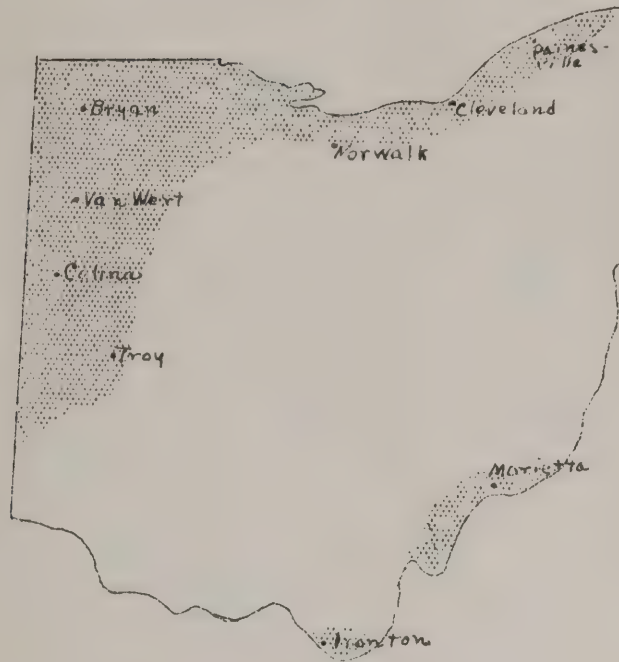
C. Sugar Corn for Sale



D. Cabbages for Sale



A. Tomatoes for Sale



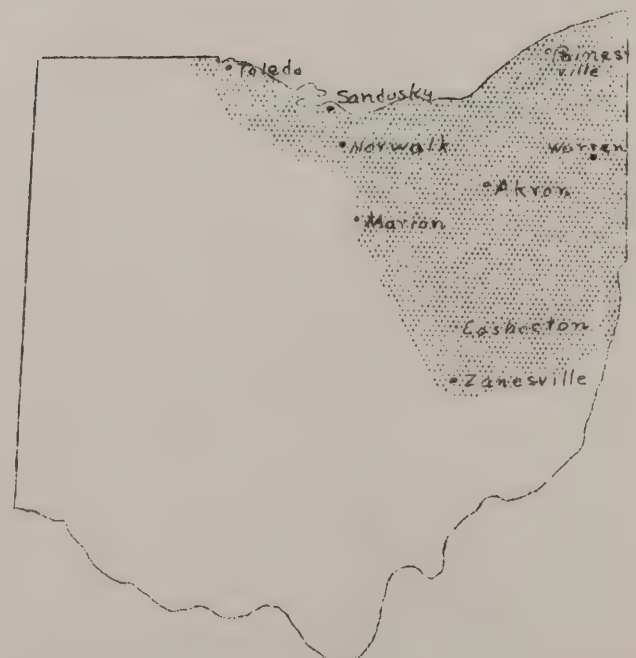
B. Dry Onions for Sale



C. Apples



D. Peaches



AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

A. Cherries for Sale



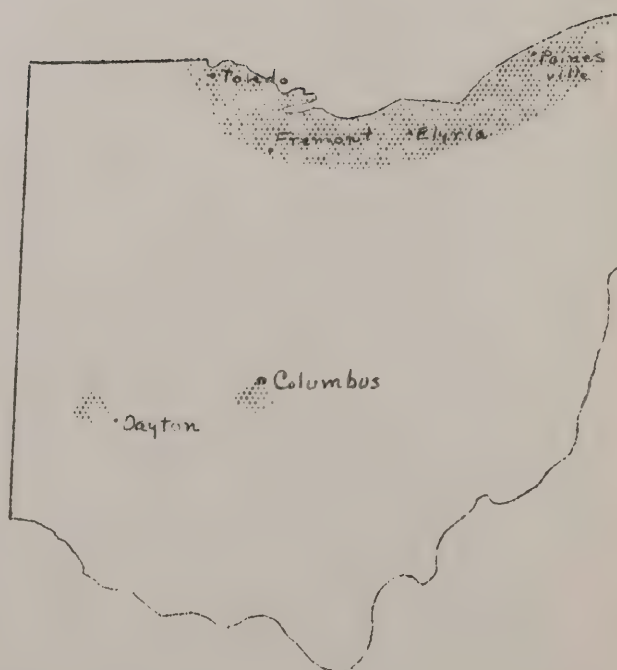
B. Strawberries for Sale



C. Pears



D. Grapes



AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

Artificial Drainage of Farm Lands





AREAS OF MOST AGRICULTURAL PRODUCTION, 1949-1953

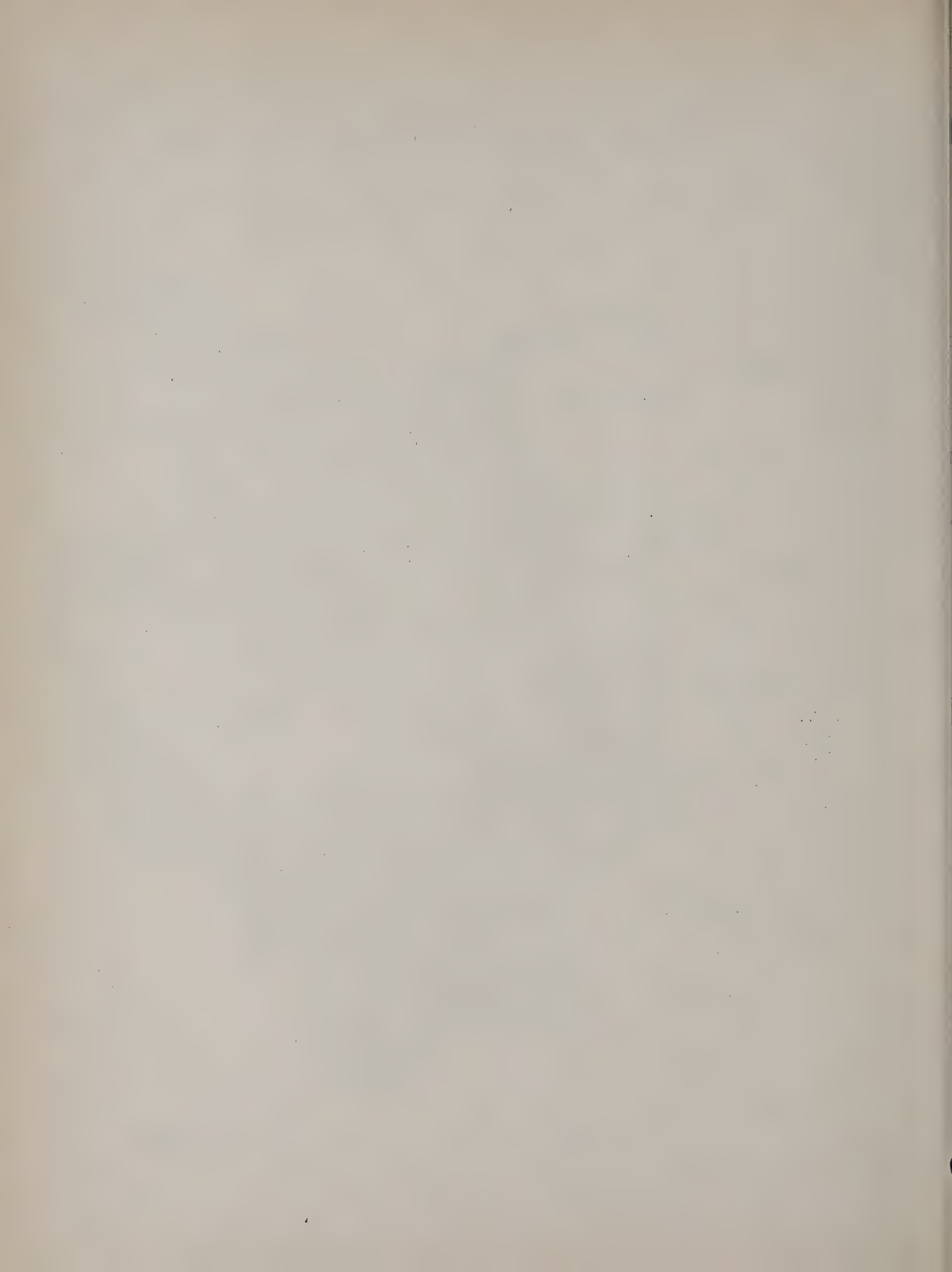
Area of Most Farm Income



STATE (OR NATIONAL) FORESTS, LAKES, PARKS, 1949-1953

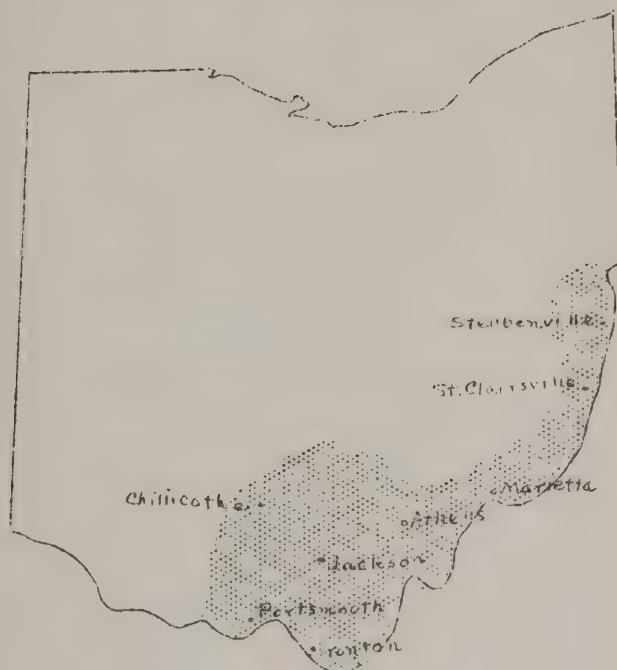
The Geography of Kinds of Trees





STATE (OR NATIONAL) FORESTS, LAKES, PARKS, 1949-1953

A. AREA OF MOST TREES



B. Forest Areas: State or National

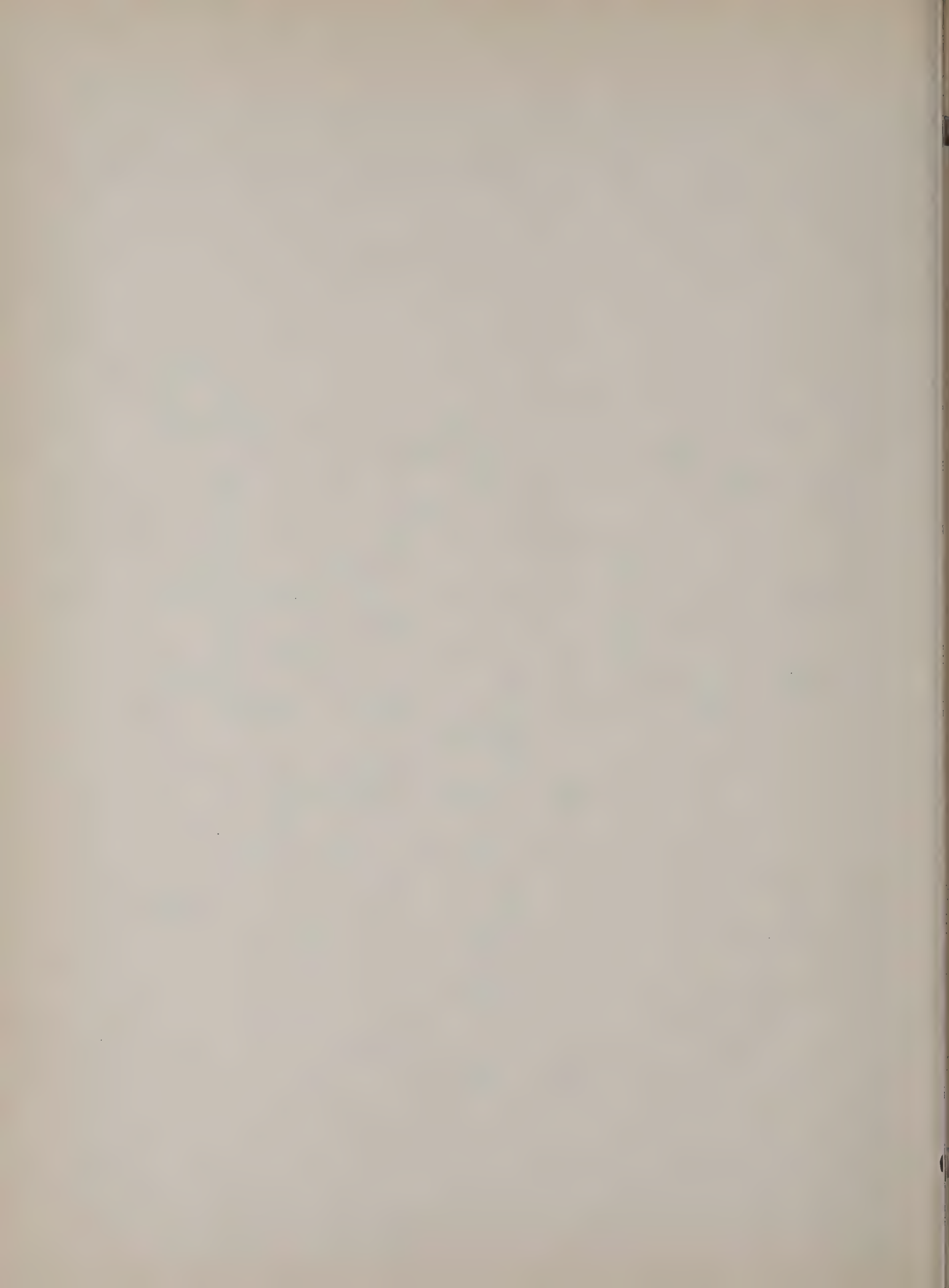




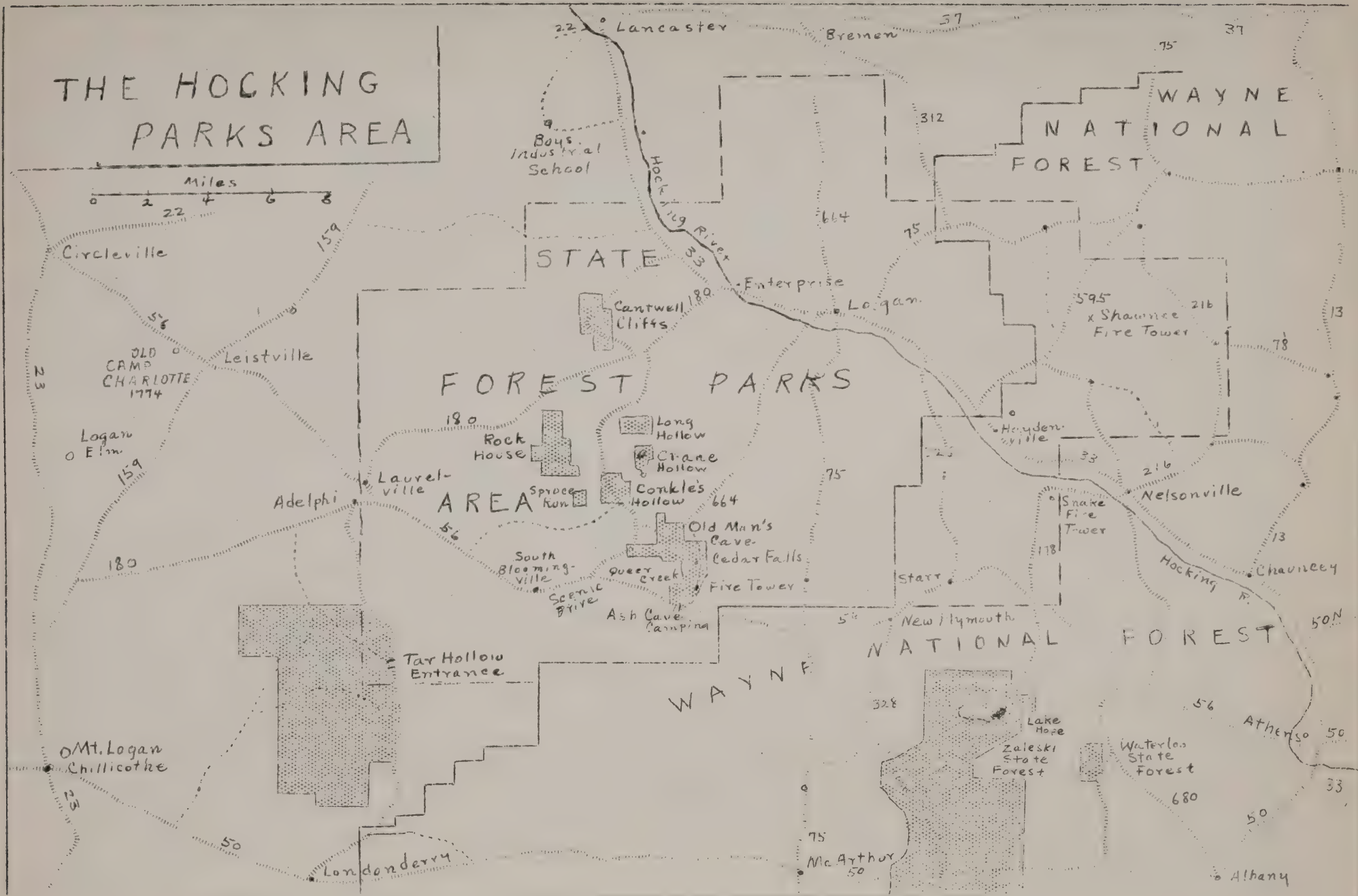
STATE (OR NATIONAL) FORESTS, LAKES, PARKS, 1949-1953

Lakes and Reservoirs



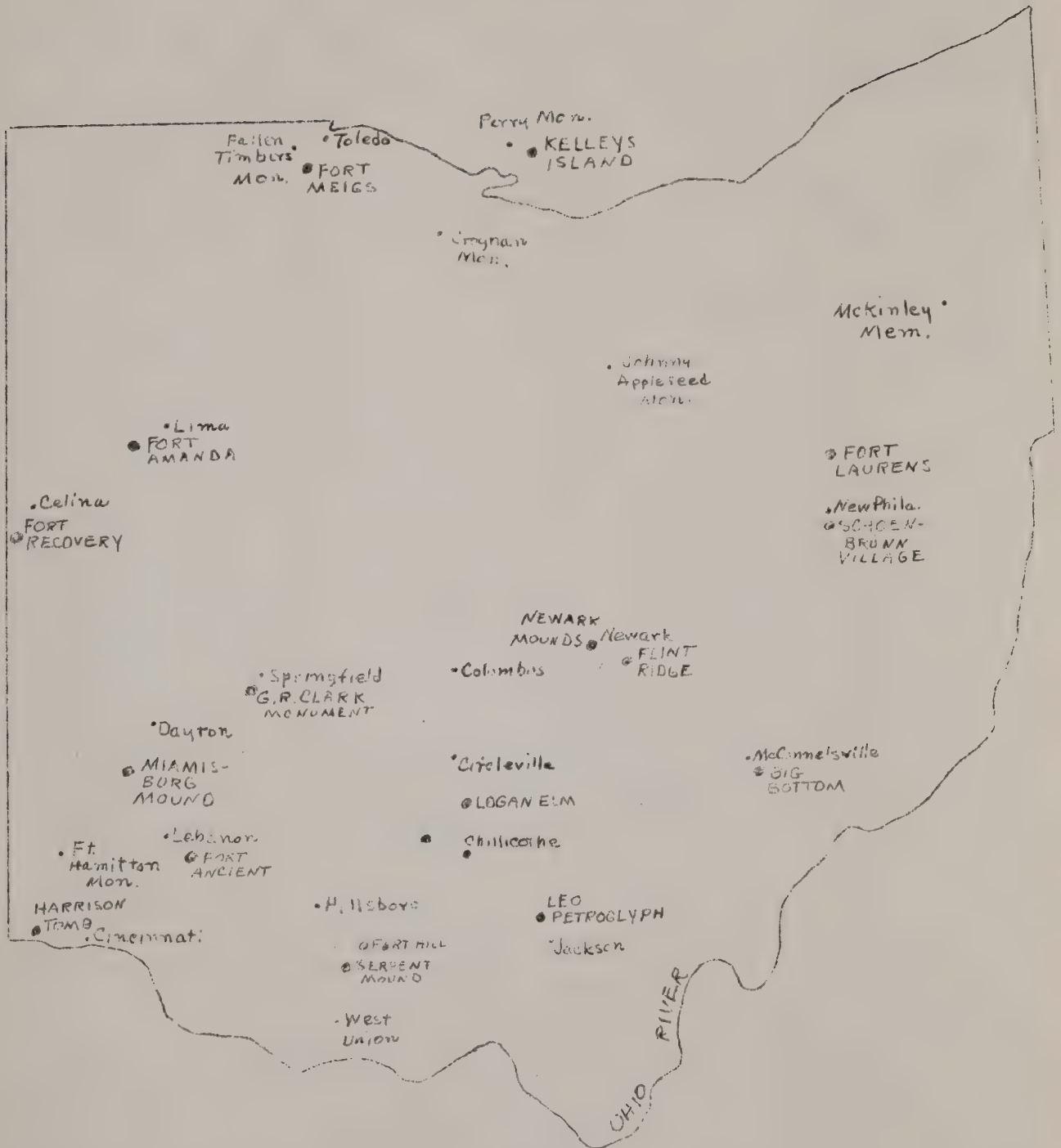


THE HOCKING PARKS AREA



STATE (OR NATIONAL) FORESTS, LANDS, PARKS, 1949-1953

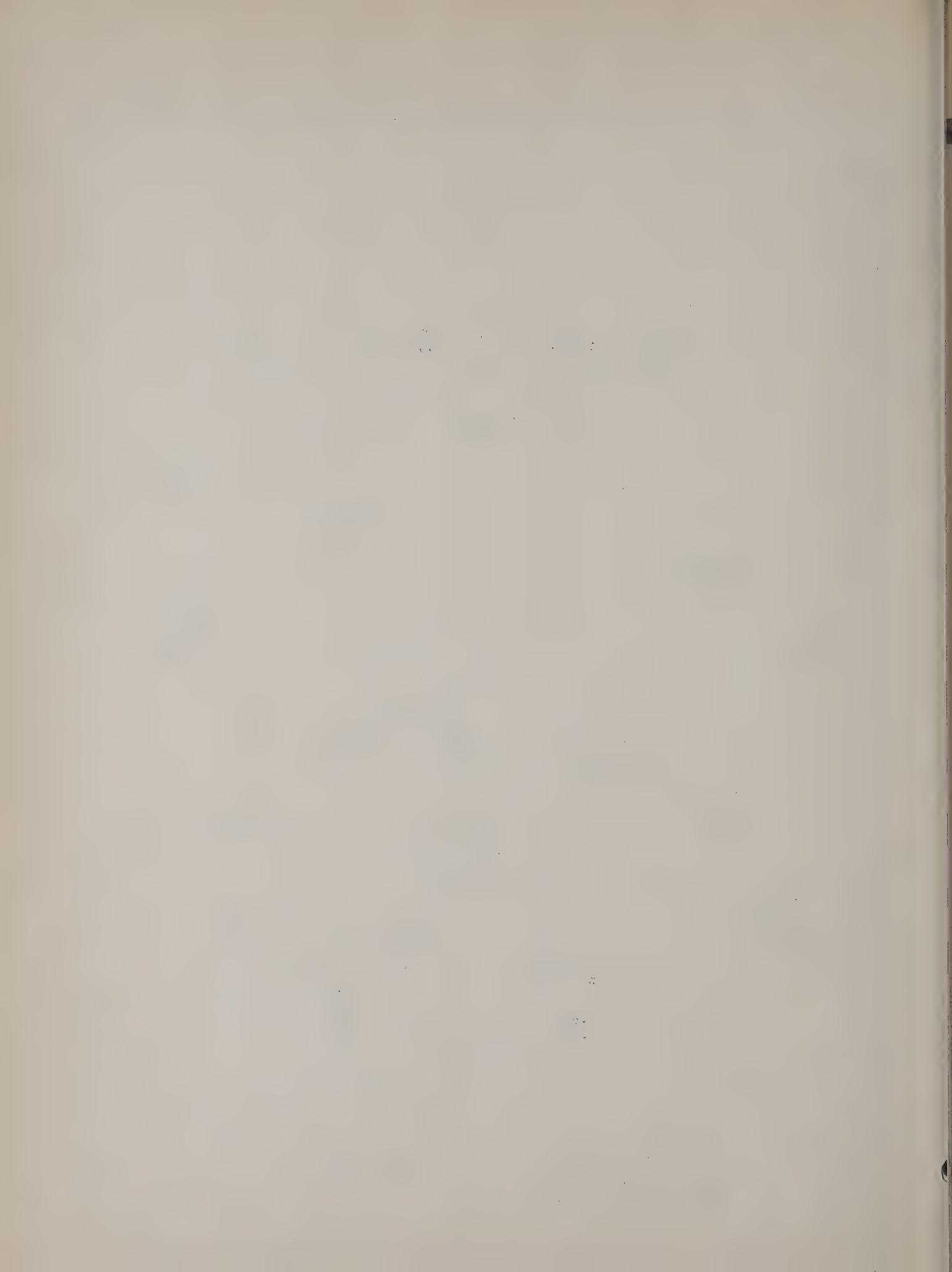
Historical Parks



LEGEND:

Mon.: Monument
Mem.: Memorial

OHIO RIVERS



FOREST PARKS

(Otherwise Forest Parks of Ohio and State Reserves)



Scale: One Inch to 30 Miles

MORRISON ATLAS

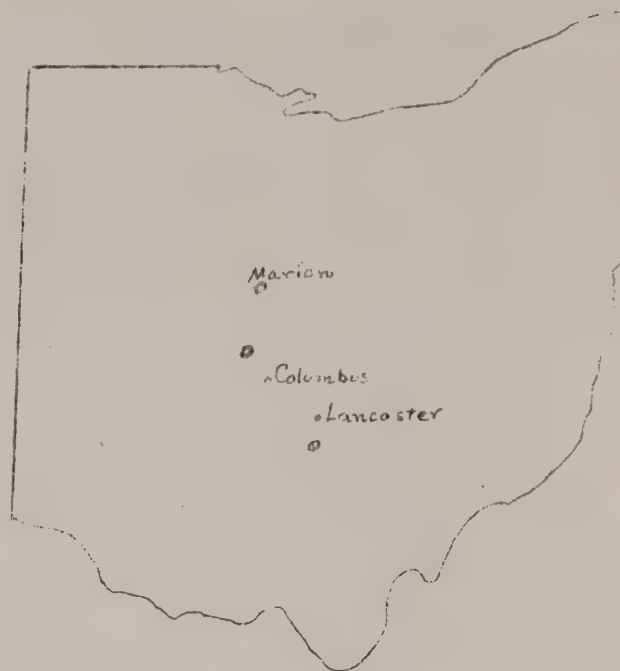
Parks, as, SHAWNEE

STATE INSTITUTIONS AND HEALTH ACTIVITY, 1949-1953

a. Correctional Institutions

A. Penal Institutions

B. Industrial Schools



C. Prison Farms

D. Prison Camps





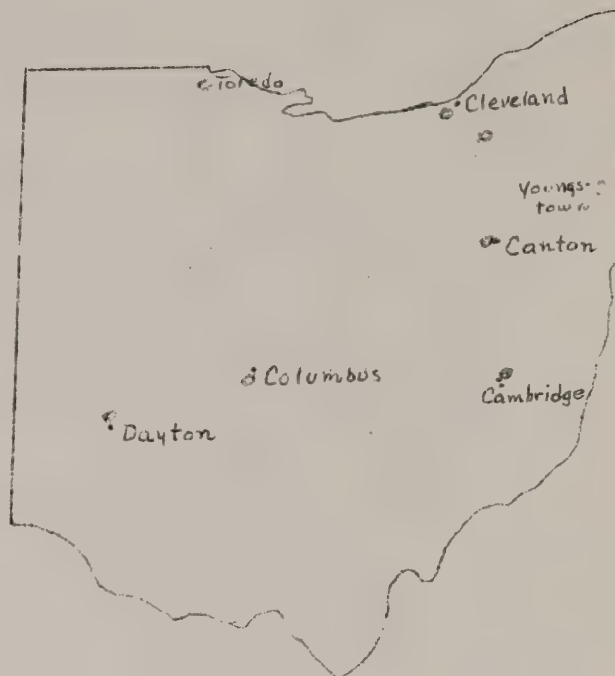
STATE INSTITUTIONS AND HEALTH ACTIVITY, 1949-1953

b. State Institutions for Mental Patients

A. State Schools



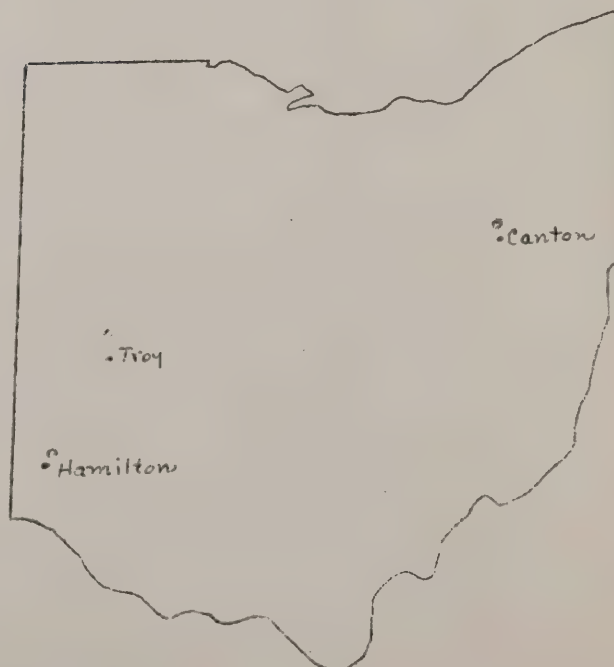
B. Receiving Hospitals



C. State Hospitals



D. State Clinics



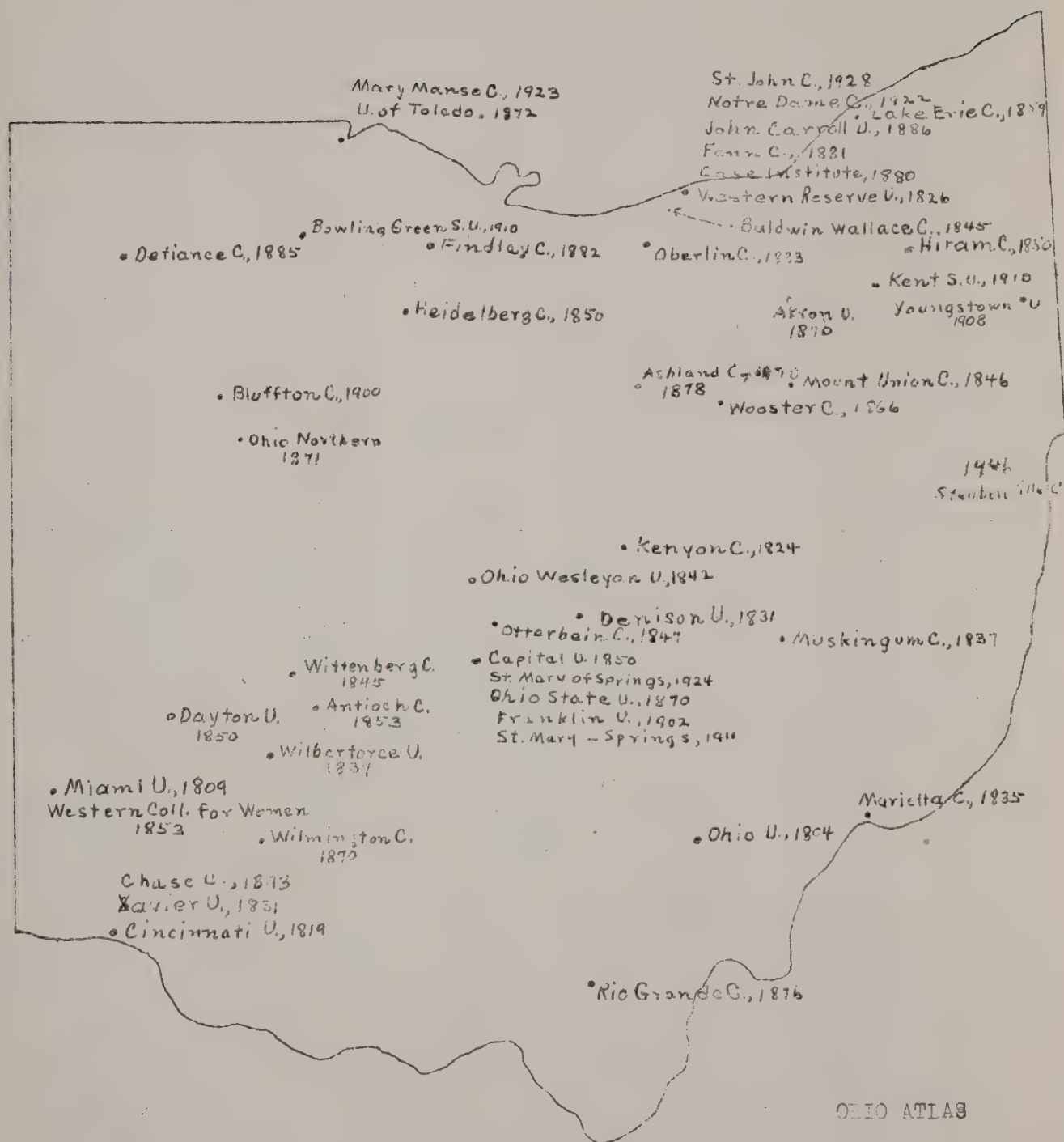
STATE INSTITUTIONS AND HEALTH ACTIVITY, 1949-1953

Complete Treatment Sewage Disposal Plants





OHIO COLLEGES AND UNIVERSITIES, 1950



OHIO ST. LAWRENCE SEAWAY PROJECT, 1954

As Planned
Proposed Extension
Related Developments
Area of Related U.S.-Canada Hydroelectric Development in the Future
(An International "TVA")

